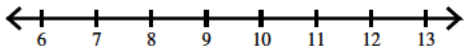
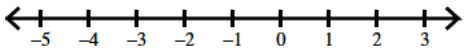
Two-step inequalities - fractions

Solve an inequality:

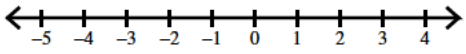
1) $-101\frac{101}{130} > \frac{3}{2} - 9\frac{4}{5}k$



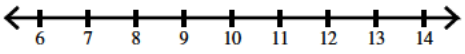
2) $\frac{121}{140} \geq \frac{5}{7} + \frac{4}{5}a$



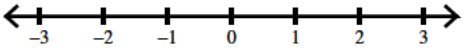
3) $\frac{3}{8} + \frac{7}{8}p \geq \frac{2}{3}$



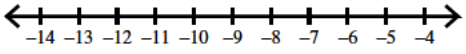
4) $-\frac{2}{3}n + 3\frac{1}{5} > -3\frac{59}{255}$



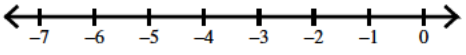
5) $\frac{5}{6}x + \frac{1}{4} < 1\frac{1}{24}$



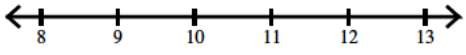
6) $\frac{14}{9} + \frac{19}{10}n < -15\frac{49}{90}$



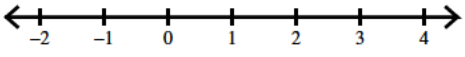
7) $-3\frac{2}{5} + 5\frac{1}{6}x > -13\frac{11}{15}$



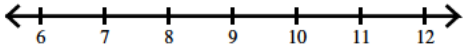
8) $\frac{5}{7} + 5\frac{4}{7}r \geq 60\frac{17}{28}$



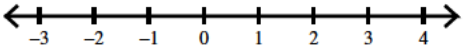
9) $\frac{19}{10} - 3\frac{3}{10}m \leq -2\frac{3}{28}$



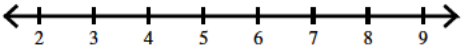
10) $36\frac{23}{24} \geq 3\frac{2}{3}b - 2$



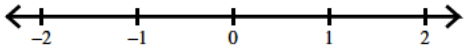
11) $5\frac{5}{6} - \frac{5}{4}v > 3\frac{23}{24}$



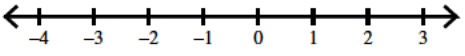
12) $13\frac{1}{5} \leq \frac{8}{5}x + 4\frac{2}{3}$



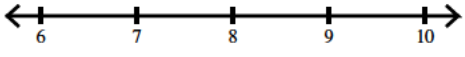
13) $4\frac{21}{152} \geq 4\frac{1}{2}n - \frac{1}{8}$



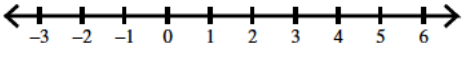
14) $6\frac{1}{2} + \frac{12}{7}k < 7\frac{95}{98}$



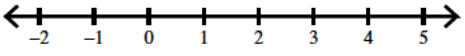
15) $\frac{2}{7} - \frac{4}{3}a > -10\frac{18}{35}$



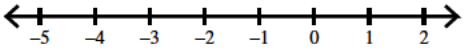
16) $6\frac{13}{20} < -1\frac{3}{4} + 4\frac{1}{5}x$



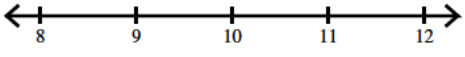
17) $4\frac{3}{5} < 3\frac{3}{5} + 2x$



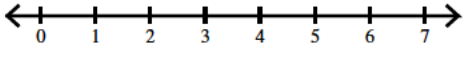
18) $-3\frac{1}{4} + 5\frac{4}{9}n \leq -5\frac{287}{396}$



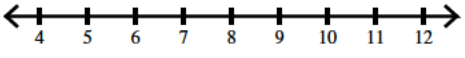
19) $60\frac{149}{240} \leq \frac{1}{10} + 5\frac{5}{6}m$



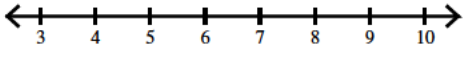
20) $9\frac{1}{3} > 3\frac{2}{3}p + 2$



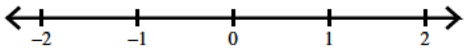
21) $27\frac{11}{12} \leq 4x - 10\frac{3}{4}$



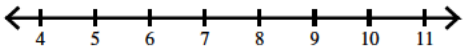
22) $1\frac{3}{4}n + 1\frac{5}{6} > 12\frac{23}{48}$



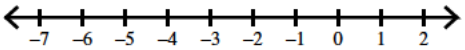
23) $3\frac{1}{2} < 4\frac{2}{7}b + 3\frac{1}{2}$



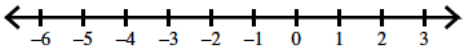
24) $-11\frac{17}{42} \leq -\frac{5}{4}r - \frac{1}{3}$



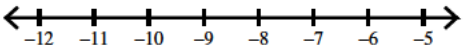
25) $-7\frac{19}{24} < -2\frac{2}{3} + 2x$



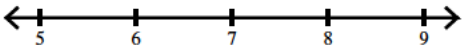
26) $-3\frac{171}{364} \leq 1\frac{3}{8}n - \frac{8}{7}$



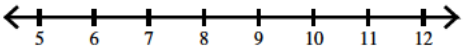
27) $\frac{1}{8}v + 3\frac{3}{8} < 2\frac{23}{64}$



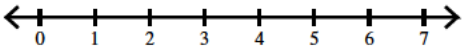
28) $-2\frac{2}{9}a + \frac{4}{3} \geq -15\frac{43}{99}$



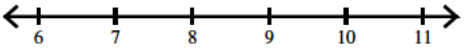
29) $37\frac{303}{1190} \geq \frac{7}{10} + 4\frac{2}{7}x$



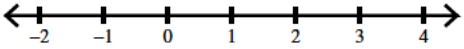
30) $-4\frac{43}{60} \geq -\frac{4}{5} - a$



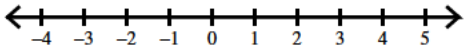
31) $-2\frac{1}{9} + \frac{4}{3}k \geq 9\frac{20}{27}$



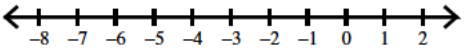
32) $-1\frac{13}{15} < \frac{5}{6} - \frac{3}{2}x$



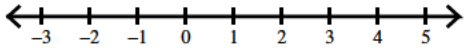
33) $4\frac{77}{285} \geq \frac{6}{5}p + 4\frac{1}{3}$



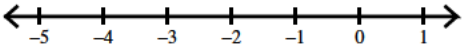
34) $-1 + \frac{5}{3}x \leq -7\frac{7}{48}$



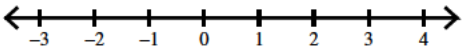
35) $3r + \frac{7}{8} \leq 1\frac{13}{40}$



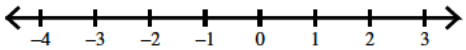
36) $8\frac{7}{22} \geq -3m - \frac{3}{2}$



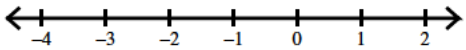
37) $-\frac{7}{8} - \frac{12}{7}x \leq -1\frac{79}{136}$



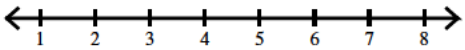
38) $4\frac{277}{390} \geq 2\frac{1}{5}n + \frac{11}{6}$



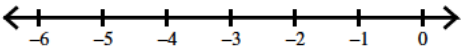
39) $\frac{1}{2} - b > 1\frac{7}{10}$



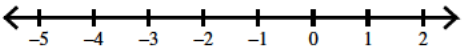
40) $-1 + \frac{1}{3}n > \frac{8}{45}$



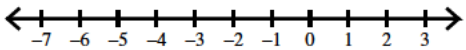
41) $-5\frac{3}{4} > \frac{3}{2}v - 2$



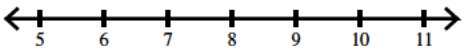
42) $\frac{83}{108} \leq 2 + 1\frac{1}{6}x$



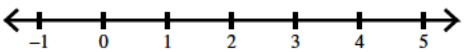
43) $5\frac{5}{8} + \frac{3}{2}a < 2\frac{3}{8}$



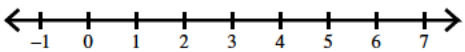
44) $-58\frac{23}{24} \geq -6\frac{2}{3}n + 3\frac{1}{8}$



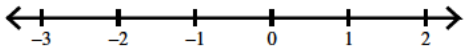
45) $1\frac{4}{9} + 4\frac{1}{9}k \geq 9\frac{2}{3}$



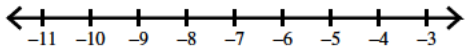
46) $-3\frac{289}{1400} \leq \frac{1}{10}p - 3\frac{4}{7}$



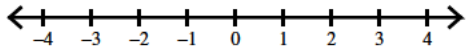
47) $-\frac{2}{153} > -\frac{16}{9} - 2x$



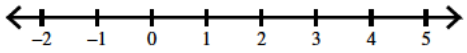
48) $-2n - \frac{6}{5} \le 11\frac{33}{35}$



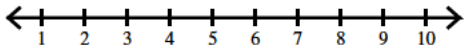
49) $1\frac{3}{4} \ge 1 + 1\frac{7}{8}m$



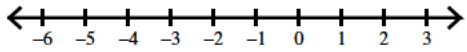
50) $-1\frac{3}{10}n - 1\frac{2}{5} < -\frac{7}{18}$



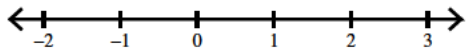
51) $-\frac{3}{2} + \frac{3}{2}x > 7\frac{7}{12}$



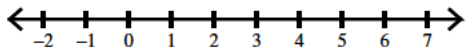
52) $3\frac{17}{30} < \frac{2}{5}p + 4\frac{1}{6}$



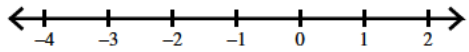
53) $-\frac{5}{3} + 3\frac{1}{3}b < 4\frac{4}{9}$



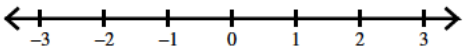
54) $2\frac{1}{2} + \frac{8}{5}r \le 5\frac{7}{10}$



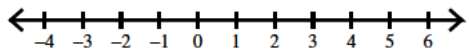
55) $2\frac{59}{360} < \frac{3}{8} + 2\frac{5}{9}n$



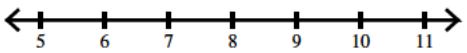
56) $-\frac{2}{3} + \frac{19}{10}x > -3\frac{139}{600}$



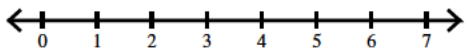
57) $\frac{6}{7}a + 3\frac{3}{8} \ge 4\frac{379}{392}$



58) $-\frac{61}{72} \le \frac{7}{9} - \frac{1}{6}v$

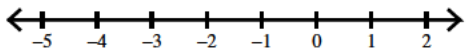


59) $\frac{7}{5} + 1\frac{5}{6}x > 11\frac{313}{420}$

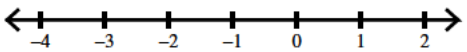


60) $1\frac{37}{48} > -1\frac{1}{6}n + \frac{1}{6}$

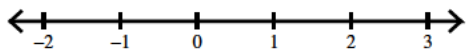
61) $\frac{3}{2} - 2\frac{1}{4}k < 5\frac{1}{4}$



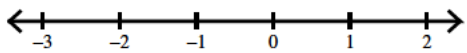
62) $-2x + \frac{4}{5} \le 4\frac{34}{55}$



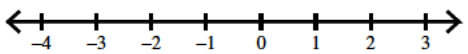
63) $-3\frac{1}{6} + 8p > 1\frac{1}{10}$



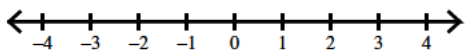
64) $5\frac{29}{60} \ge 5 + 4\frac{5}{6}n$



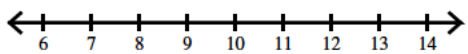
65) $-\frac{2}{5} + \frac{3}{8}x > -\frac{159}{160}$



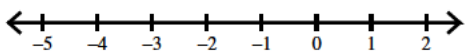
66) $-2\frac{17}{80} > -1\frac{1}{2}r - 3\frac{9}{10}$



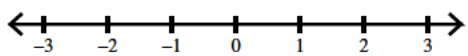
67) $5\frac{2}{5}m + 9 < 60\frac{24}{35}$



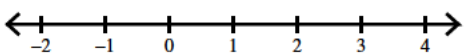
68) $\frac{7}{5}n - 2 > -2\frac{28}{55}$



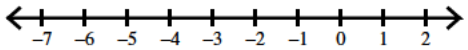
69) $2\frac{11}{20} < -2\frac{4}{5}b - 2$



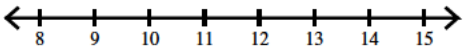
70) $1\frac{6}{7}x + 5\frac{1}{4} < 4\frac{317}{420}$



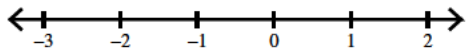
71) $2\frac{79}{84} \geq -\frac{3}{2}v - 1\frac{1}{7}$



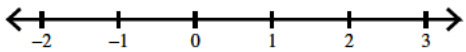
72) $-\frac{3}{2} - 1\frac{6}{7}x > -21\frac{26}{49}$



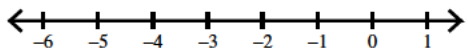
73) $\frac{3}{2}n - 1\frac{4}{9} > -1\frac{23}{72}$



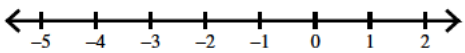
74) $-4\frac{7}{30} > -3\frac{9}{10} - \frac{2}{3}a$



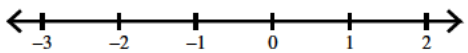
75) $-p - 1\frac{5}{8} < -\frac{3}{16}$



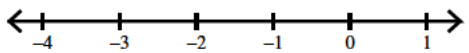
76) $1\frac{401}{570} < \frac{1}{3}k + 2\frac{3}{10}$



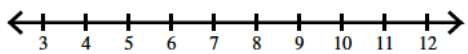
77) $\frac{4}{5}x + 1\frac{1}{2} > \frac{67}{130}$



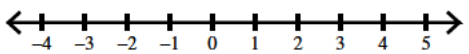
78) $\frac{1}{3} + \frac{1}{9}n < \frac{1}{36}$



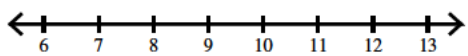
79) $-\frac{74}{595} < -\frac{11}{7} + \frac{1}{5}p$



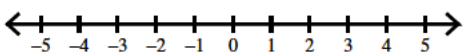
80) $5\frac{7}{9} > \frac{8}{9}m + 4\frac{4}{5}$



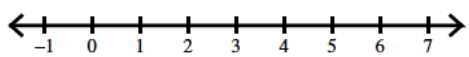
81) $-48\frac{8}{15} < \frac{2}{3} - 6n$



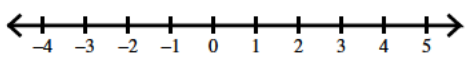
82) $1\frac{1}{4}x + 2\frac{1}{3} \leq 3\frac{1}{2}$



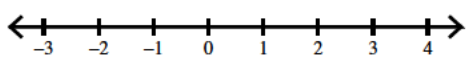
83) $5\frac{1}{5}b + 4\frac{3}{5} \leq 17\frac{3}{5}$



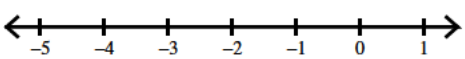
84) $-7\frac{131}{228} \leq -3\frac{1}{4} + 4\frac{5}{6}r$



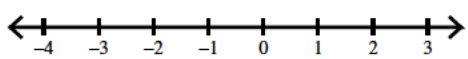
85) $1\frac{10}{21} < -\frac{8}{5}n + \frac{1}{7}$



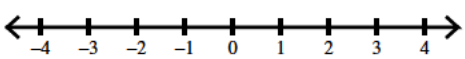
86) $-1\frac{7}{9} + 3\frac{1}{2}x > -8\frac{287}{288}$



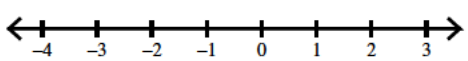
87) $-1\frac{5}{8} < 3\frac{1}{2} + 4\frac{1}{10}a$



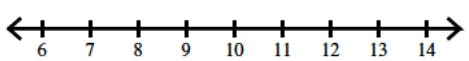
88) $3\frac{1}{6}v + \frac{2}{5} < -3\frac{29}{120}$



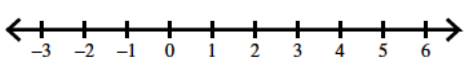
89) $\frac{3}{4}x + \frac{7}{5} > 1\frac{5}{8}$



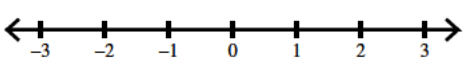
90) $-9 + \frac{13}{8}n \leq 7\frac{1}{4}$



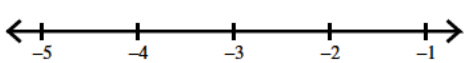
91) $-3\frac{5}{6} - 1\frac{1}{2}x \leq -8\frac{7}{48}$



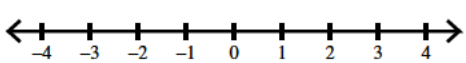
92) $1\frac{25}{56} \leq -\frac{5}{7}k + \frac{3}{8}$



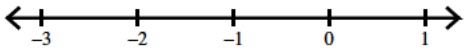
93) $-\frac{5}{3} - \frac{4}{3}x < 3\frac{14}{27}$



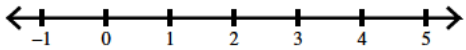
94) $-1\frac{6}{55} > -3\frac{7}{10} - \frac{3}{2}p$



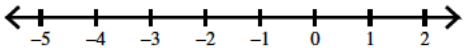
95) $\frac{2}{7}n + 4\frac{5}{8} \geq 4\frac{11}{56}$



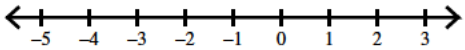
96) $5\frac{1}{35} < 3\frac{3}{7} + \frac{4}{5}m$



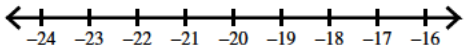
97) $\frac{1}{7} \geq -1 - \frac{8}{7}n$



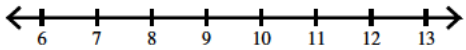
98) $\frac{8}{9}x + 1\frac{2}{5} \geq \frac{31}{45}$



99) $-33\frac{59}{78} > 1\frac{1}{2}r - 2\frac{5}{6}$



100) $-15\frac{9}{14} < -1\frac{3}{7}b - \frac{1}{2}$



Solve each inequality.

101) $\frac{3}{11}x + \frac{2}{7} < -3\frac{20}{77}$

102) $51\frac{17}{33} \geq 8\frac{1}{3} + 2\frac{3}{11}v$

103) $1\frac{3}{7} - \frac{7}{4}n > -\frac{9}{28}$

104) $2 + \frac{5}{11}k < \frac{26}{33}$

105) $25\frac{2}{5} > 2 - x$

106) $\frac{18}{11}a - 3\frac{7}{11} \geq 6\frac{41}{77}$

107) $-3\frac{43}{44} \leq -\frac{4}{11}p - 4$

108) $-1\frac{1}{12} + \frac{7}{8}n \leq -2\frac{53}{240}$

109) $6\frac{2}{3}m + \frac{1}{2} > 4\frac{29}{66}$

110) $2\frac{1}{6}r + 5\frac{1}{7} \geq 8\frac{289}{504}$

111) $6\frac{1}{4} > 2\frac{1}{4}x + 5\frac{7}{8}$

112) $1\frac{8}{9} - 1\frac{5}{7}n \leq -37\frac{34}{63}$

113) $5\frac{7}{8} - 4b > -1\frac{107}{152}$

114) $\frac{1}{5}r - \frac{1}{4} > 1\frac{27}{40}$

115) $3\frac{323}{360} \leq 3\frac{7}{8} + \frac{4}{9}x$

116) $-32\frac{23}{60} < -2\frac{7}{8}n + \frac{1}{5}$

117) $\frac{7}{6}v - 2\frac{1}{10} < -2\frac{1}{10}$

118) $-a - 1 > -5\frac{11}{15}$

119) $-6\frac{23}{374} < -1\frac{3}{11}x + \frac{3}{2}$

120) $4\frac{20}{33} > \frac{1}{2}n + \frac{4}{3}$

121) $-9\frac{1}{12} + 1\frac{2}{3}x > -9\frac{7}{44}$

122) $4\frac{2}{3} - p \leq 25\frac{2}{3}$

123) $1\frac{3}{10} + \frac{12}{11}k < 3\frac{43}{110}$

124) $\frac{6}{11} + 2\frac{3}{10}x \geq 14\frac{431}{1980}$

125) $\frac{1}{490} < \frac{9}{10} + \frac{11}{7}n$

126) $1\frac{1}{10}m + \frac{4}{3} \leq 6\frac{269}{600}$

127) $-5 + 3\frac{3}{4}r > \frac{5}{8}$

128) $-7\frac{2}{7} < -x - 1\frac{1}{2}$

129) $-\frac{2}{5} + 2\frac{4}{7}n \geq 24\frac{47}{70}$

130) $-3\frac{3}{308} < 2\frac{6}{11}b + \frac{9}{7}$

131) $-2\frac{5}{8}v + 2\frac{2}{5} > -18\frac{1}{10}$

132) $-4\frac{82}{99} < -\frac{8}{9}x - 2$

133) $\frac{641}{644} > -2\frac{3}{7}n - \frac{7}{4}$

134) $1\frac{271}{495} > \frac{7}{5}k + 2\frac{7}{11}$

135) $-\frac{17}{11}a + 6\frac{7}{12} < -8\frac{5}{22}$

136) $-\frac{137}{228} > 6\frac{1}{12}x + 1$

137) $1\frac{2}{5} - 3\frac{1}{2}p < -15\frac{3}{5}$

138) $-\frac{16}{11}n - \frac{1}{11} > -2\frac{3}{11}$

139) $12m - \frac{3}{10} > -45\frac{51}{70}$

140) $3\frac{2}{9}r - 2\frac{1}{2} \geq -6\frac{43}{54}$

141) $\frac{16}{11} - n > 1\frac{94}{231}$

142) $5\frac{9}{10} + 6\frac{1}{3}x \geq -10\frac{79}{240}$

143) $-\frac{4}{3} + \frac{15}{11}b \leq -5\frac{5}{6}$

144) $14\frac{53}{132} \leq \frac{4}{3}r + \frac{5}{4}$

145) $-\frac{1}{2}x - \frac{3}{11} \geq \frac{5}{264}$

146) $52\frac{115}{153} > 8 + 4\frac{5}{9}n$

147) $8\frac{109}{165} < 3\frac{8}{11} - 3\frac{7}{10}a$

148) $-2\frac{431}{570} < -\frac{1}{10}v - \frac{5}{3}$

149) $\frac{21}{11} - \frac{1}{7}x \geq 1\frac{549}{616}$

150) $5\frac{5}{6}x + 6 \leq 17\frac{2}{3}$

151) $-k - 2 < -\frac{14}{15}$

152) $-4\frac{1}{11} > \frac{10}{11} - \frac{3}{2}n$

153) $-1\frac{1}{9} + 2\frac{11}{12}x \geq -\frac{17}{72}$

154) $29\frac{39}{40} \geq 6\frac{1}{2}p - 2\frac{1}{5}$

155) $-\frac{10}{11}n + 2\frac{5}{6} > -5\frac{223}{726}$

156) $2\frac{11}{12} - 2\frac{4}{9}m < -1\frac{19}{36}$

157) $-2\frac{5}{8}r + 3\frac{1}{6} < 4\frac{145}{204}$

158) $-10\frac{7}{12} \leq \frac{5}{3} - 1\frac{1}{2}x$

159) $\frac{1}{4}n - 3\frac{6}{7} \geq -3\frac{55}{56}$

160) $-\frac{45}{56} < \frac{7}{4} + \frac{13}{8}b$

161) $-\frac{3}{2}v + 4\frac{5}{12} > 1\frac{83}{156}$

162) $-20\frac{125}{144} \leq \frac{13}{9} - 2\frac{1}{8}x$

163) $-8\frac{29}{36} < 3\frac{8}{9}a - 2$

164) $\frac{1}{11} - 1\frac{5}{11}n \geq -14\frac{1}{7}$

165) $18\frac{23}{36} \leq \frac{5}{4}k + 5\frac{1}{6}$

166) $1\frac{17}{252} < \frac{1}{2} + \frac{11}{12}p$

167) $-8\frac{1}{3}x - \frac{19}{11} > -88\frac{1}{11}$

168) $2\frac{43}{96} \geq \frac{17}{12} + \frac{3}{2}n$

169) $-1 + 3\frac{2}{3}m > -\frac{4}{15}$

170) $\frac{3}{11} - 1\frac{2}{3}r \geq -5\frac{443}{594}$

171) $\frac{5}{4} - \frac{11}{10}x \geq 1\frac{123}{140}$

172) $2\frac{29}{30} \geq -5n - \frac{6}{5}$

173) $41\frac{1}{2} \geq 1 + 9b$

174) $-7\frac{47}{84} < 4\frac{5}{6}v - 1$

175) $\frac{2}{5} - 2\frac{1}{4}n < -4\frac{1}{10}$

176) $-2\frac{23}{24} > \frac{5}{8}x - 1\frac{1}{2}$

177) $\frac{14}{11}v + 4\frac{5}{8} \geq 20\frac{347}{440}$

178) $\frac{5}{4} + 2\frac{1}{2}a > 23\frac{43}{84}$

179) $4\frac{2}{11}x + 5\frac{1}{2} \geq 11\frac{3}{242}$

180) $13\frac{35}{36} < 2\frac{1}{12}x - 3\frac{1}{9}$

181) $-2\frac{31}{34} \geq -n - 1\frac{1}{2}$

182) $-\frac{39}{44} \geq \frac{19}{11}k + 4\frac{7}{12}$

183) $5\frac{17}{38} \geq 5\frac{1}{2} - \frac{1}{5}p$

184) $2\frac{1}{12} + \frac{5}{3}x \leq -7\frac{11}{12}$

185) $-2\frac{53}{198} > -1\frac{11}{12}m - 3\frac{6}{11}$

186) $\frac{5}{4} + 2r > 7\frac{1}{2}$

187) $22\frac{139}{156} < 6\frac{1}{3} + 5\frac{1}{4}n$

188) $3\frac{2}{3} > \frac{10}{9}x + 2$

189) $-1\frac{5}{8}n + 3\frac{4}{5} < -4\frac{13}{80}$

190) $-1\frac{2}{33} < -\frac{1}{2}b + \frac{5}{12}$

191) $\frac{3}{10} - 6v \geq 4\frac{4}{5}$

192) $\frac{4}{3} + 3\frac{7}{10}x < -6\frac{239}{255}$

193) $30 \leq 6 - 12k$

194) $15\frac{7}{60} < 6\frac{1}{2}n + 3\frac{1}{5}$

195) $-\frac{13}{12} - \frac{11}{12}a < \frac{151}{216}$

196) $\frac{2}{9}p + 2\frac{1}{3} < 2\frac{47}{117}$

197) $8 < 2r + 12$

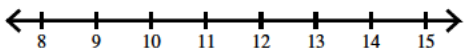
198) $11\frac{13}{20} \leq -2\frac{1}{10} + 2\frac{1}{2}x$

199) $4\frac{2}{3} - \frac{12}{7}n < 7\frac{5}{21}$

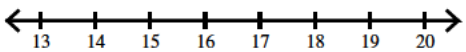
200) $15\frac{17}{25} \leq 3\frac{1}{5} + 6\frac{2}{5}m$

Solve each inequality and graph its solution.

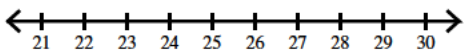
201) $-\frac{2}{5} - \frac{1}{2}x > -7\frac{3}{10}$



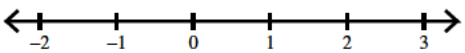
202) $5\frac{1}{10}n + \frac{2}{3} > 93\frac{19}{60}$



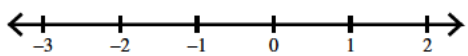
203) $-x + 4\frac{11}{15} \leq -20\frac{4}{15}$



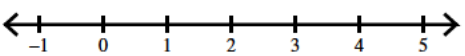
204) $-\frac{12}{17} + 9\frac{6}{7}b > -8\frac{3074}{4403}$



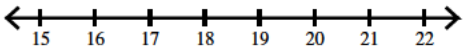
205) $-3\frac{427}{528} < -3\frac{11}{16} - 1\frac{1}{3}n$



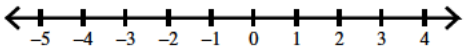
206) $\frac{12}{7}v + 5\frac{3}{14} \leq 10\frac{313}{406}$



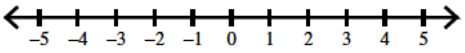
207) $-\frac{1}{2} - \frac{9}{5}a > -36\frac{22}{35}$



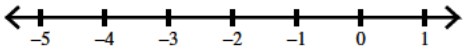
208) $-16x + 10\frac{14}{15} < 20\frac{56}{285}$



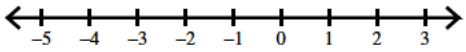
209) $8\frac{1555}{1881} \le 10\frac{6}{11}x + \frac{17}{9}$



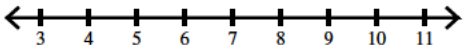
210) $-5\frac{19}{420} < 5\frac{7}{20}v + \frac{11}{6}$



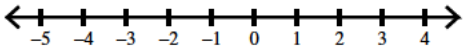
211) $5\frac{423}{560} > 5\frac{1}{7} - \frac{3}{8}n$



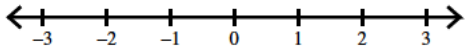
212) $-15\frac{353}{828} \le \frac{3}{4} - 2\frac{1}{18}k$



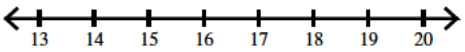
213) $-20\frac{8}{13}p + 5\frac{1}{6} \ge 29\frac{353}{390}$



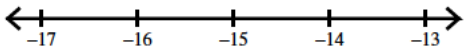
214) $-2\frac{3}{4}n - \frac{28}{17} \ge \frac{113}{272}$



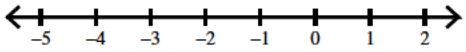
215) $38\frac{619}{765} > \frac{11}{6}x + 7\frac{13}{17}$



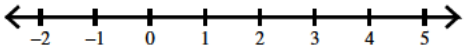
216) $-11\frac{4}{17} \le \frac{15}{17}m + 2$



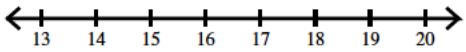
217) $-3\frac{5}{13} > -\frac{4}{3} + \frac{5}{4}r$



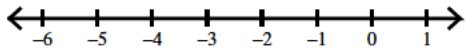
218) $-4\frac{431}{2128} \le 2\frac{8}{19}x - 1\frac{6}{7}$



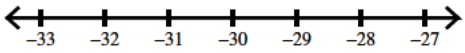
219) $17\frac{67}{240} < 9\frac{11}{20} + \frac{1}{2}n$



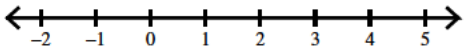
220) $2\frac{281}{680} < 4\frac{1}{5} + \frac{27}{17}b$



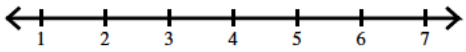
221) $\frac{3}{11}n + \frac{8}{9} > -7\frac{3077}{3960}$



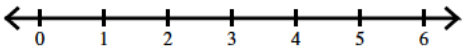
222) $13\frac{89}{126} > 5\frac{9}{14}x + 9\frac{17}{18}$



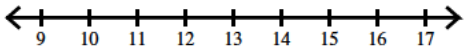
223) $3\frac{367}{660} \le 6\frac{1}{12} - \frac{3}{5}a$



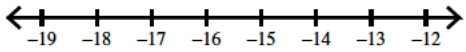
224) $-\frac{9}{7}v - \frac{19}{13} > -5\frac{1312}{1547}$



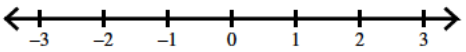
225) $41\frac{9}{100} < \frac{7}{5} + 2\frac{7}{10}n$



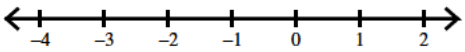
226) $-74\frac{1}{14} \le -\frac{17}{14} + 4\frac{2}{7}p$



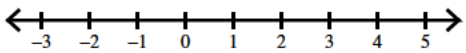
227) $-\frac{8}{9} + \frac{1}{5}x < -\frac{118}{153}$



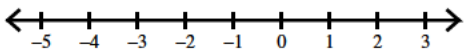
228) $-2\frac{10}{11} + 5\frac{3}{10}k < -4\frac{46}{55}$



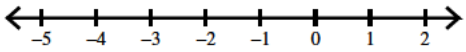
229) $1 \le -\frac{9}{8} + \frac{17}{16}r$



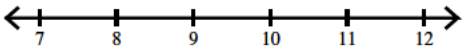
230) $4\frac{1}{17} \ge -\frac{33}{17} - 20m$



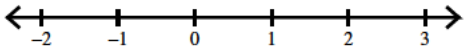
231) $4\frac{59}{234} \geq 3\frac{12}{13}n + \frac{4}{9}$



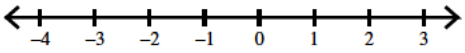
232) $-\frac{17}{9}x - \frac{19}{11} \geq -18\frac{59}{66}$



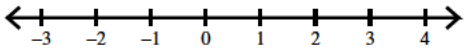
233) $9\frac{323}{780} \leq 6\frac{7}{12} + 3\frac{1}{5}b$



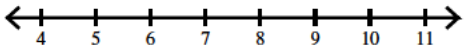
234) $-3\frac{9}{20} + 2\frac{6}{11}v > -4\frac{351}{380}$



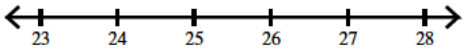
235) $\frac{2}{19} + 1\frac{3}{10}n > 3\frac{186}{1045}$



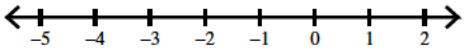
236) $12\frac{21}{44} > \frac{3}{2}x - 2\frac{1}{4}$



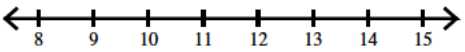
237) $33\frac{8}{13} > -1 + \frac{18}{13}a$



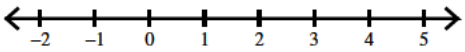
238) $5\frac{13}{20}x - 2 \leq -21\frac{95}{108}$



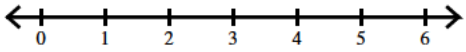
239) $102\frac{1019}{1960} \leq -1\frac{1}{8} + 9\frac{4}{7}k$



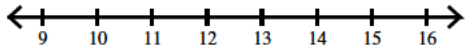
240) $-1\frac{7}{12} - \frac{2}{3}x \geq -2\frac{3}{4}$



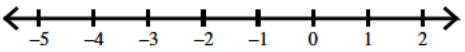
241) $9\frac{4}{17} + 9n \geq 51\frac{29}{340}$



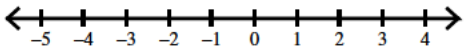
242) $4\frac{13}{16} + 4\frac{11}{20}p \geq 67\frac{241}{400}$



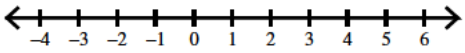
243) $-\frac{11}{13} + 6\frac{7}{10}x < \frac{321}{650}$



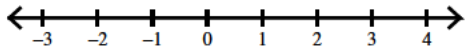
244) $8\frac{349}{720} \geq 10\frac{1}{5} + \frac{19}{12}k$



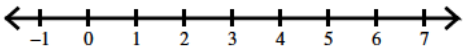
245) $-17 - 1\frac{7}{9}n < -19\frac{10}{81}$



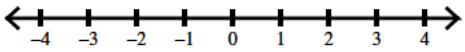
246) $\frac{7}{6}r + \frac{5}{8} \geq -\frac{7}{72}$



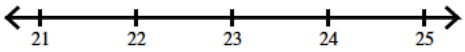
247) $1\frac{5}{154} > \frac{6}{11}m - \frac{3}{7}$



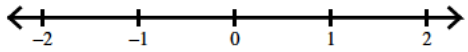
248) $10\frac{7}{15}x + \frac{8}{11} \leq -17\frac{2474}{3465}$



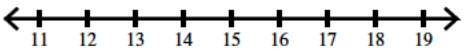
249) $-27\frac{11}{70} \geq -\frac{6}{5}b + \frac{9}{14}$



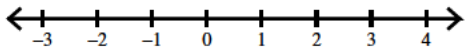
250) $10\frac{219}{442} \leq 4\frac{13}{17} + 9\frac{5}{16}n$



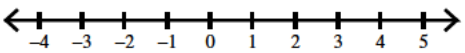
251) $21\frac{47}{72} \geq \frac{4}{3}v + \frac{15}{8}$



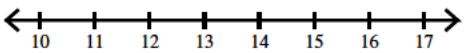
252) $-\frac{3}{2} + 7\frac{7}{9}a \geq 6\frac{5}{18}$



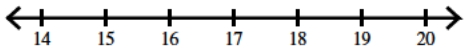
253) $\frac{7}{4}x + \frac{5}{8} < 1\frac{155}{296}$



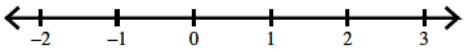
254) $-121\frac{5}{6} \leq -10x + 7\frac{5}{6}$



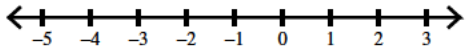
255) $-31\frac{107}{132} \le -3\frac{1}{4} - \frac{5}{3}k$



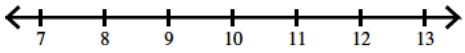
256) $10\frac{13}{14} \ge -1\frac{1}{14} + 10p$



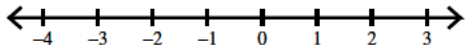
257) $10\frac{34}{665} \le \frac{4}{5}x + 10\frac{14}{19}$



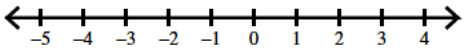
258) $16\frac{35}{76} \ge \frac{3}{2}n - 1\frac{1}{2}$



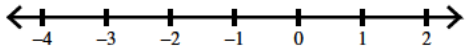
259) $-\frac{1}{15}m + 6\frac{1}{13} \le 6\frac{103}{585}$



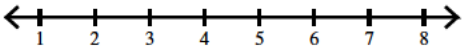
260) $-18\frac{288}{403} < -18 + \frac{6}{13}r$



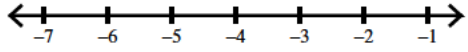
261) $6\frac{7}{8} - 2\frac{5}{12}x > 6\frac{367}{552}$



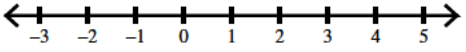
262) $-\frac{7}{10}b + 2\frac{1}{4} \ge -1\frac{15}{32}$



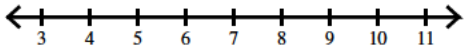
263) $10\frac{1}{225} \le -2\frac{9}{10}n + \frac{10}{9}$



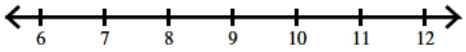
264) $\frac{3}{20} + 10\frac{5}{8}v > -5\frac{13}{80}$



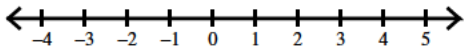
265) $-6\frac{1627}{1872} > -3\frac{15}{16} - \frac{1}{3}x$



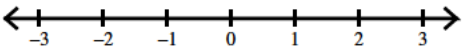
266) $7\frac{5}{6} - \frac{2}{5}a \le 4\frac{71}{240}$



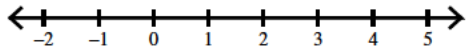
267) $-1\frac{2}{3}k + 2\frac{1}{10} \ge 1\frac{37}{45}$



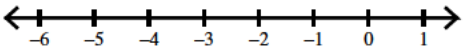
268) $-\frac{27}{16} - \frac{1}{2}x \ge -1\frac{139}{272}$



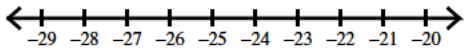
269) $-\frac{5}{3}n + 9\frac{6}{17} \ge 8\frac{6}{17}$



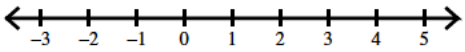
270) $6\frac{9}{10}k - \frac{1}{4} \ge -14\frac{1}{20}$



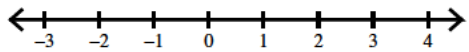
271) $-238\frac{71}{170} \ge 9\frac{7}{10}x + \frac{9}{5}$



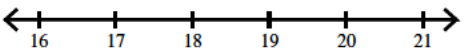
272) $-\frac{185}{432} \le 3\frac{5}{12}n - \frac{19}{16}$



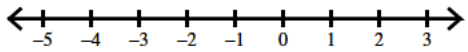
273) $2\frac{89}{99} \le 2p - \frac{17}{9}$



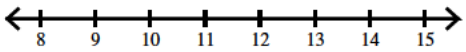
274) $\frac{5}{3}x + \frac{2}{3} \ge 33\frac{49}{99}$



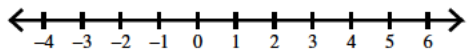
275) $-\frac{4}{5}m + \frac{9}{20} < \frac{137}{180}$



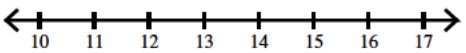
276) $52\frac{7}{26} \le 10\frac{7}{8} + 3\frac{3}{4}n$



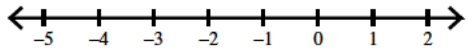
277) $-2\frac{723}{850} \ge -2\frac{8}{17} - \frac{1}{5}r$



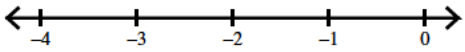
278) $-25\frac{13}{45} \ge \frac{1}{9} - 2x$



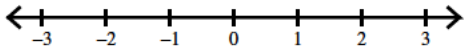
279) $-\frac{3}{20}n + 8\frac{13}{19} \le 8\frac{149}{190}$



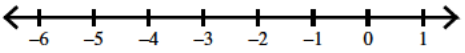
280) $5\frac{207}{884} > \frac{7}{4} - 1\frac{7}{13}b$



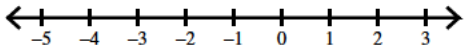
281) $-1\frac{1937}{4284} < 1\frac{13}{18}v + \frac{13}{14}$



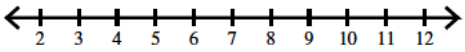
282) $3\frac{23}{56} > 6\frac{7}{8}x + 10\frac{2}{7}$



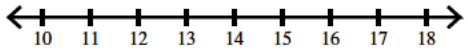
283) $-19\frac{22}{27} < -2\frac{1}{2} + 6\frac{7}{8}x$



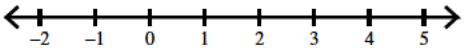
284) $\frac{4}{3} - \frac{7}{5}a \ge -8\frac{28}{33}$



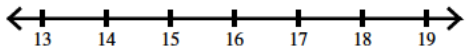
285) $3\frac{1}{10} + 1\frac{1}{2}k > 26\frac{9}{40}$



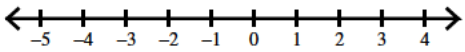
286) $-1\frac{1}{2}n - \frac{13}{17} > -1\frac{97}{238}$



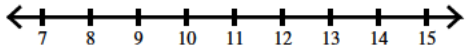
287) $\frac{2}{7}x - 1 \ge 3\frac{186}{245}$



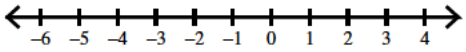
288) $1\frac{33}{80} > \frac{8}{5} - \frac{1}{4}p$



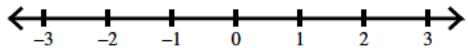
289) $-18\frac{81}{140} > -\frac{26}{15} - \frac{5}{3}m$



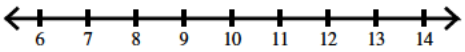
290) $-\frac{101}{120} > \frac{7}{6}r + \frac{1}{2}$



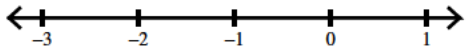
291) $1\frac{2}{15} - 3\frac{3}{7}b \le -2\frac{103}{105}$



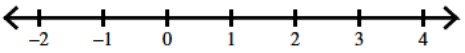
292) $-2\frac{15}{16}n - \frac{7}{15} > -33\frac{229}{240}$



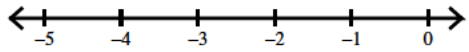
293) $\frac{11}{7} - 1\frac{4}{17}x \le 3\frac{1465}{1547}$



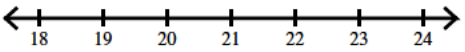
294) $\frac{2}{5}x + \frac{1}{2} \ge \frac{281}{290}$



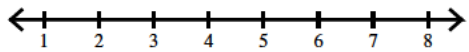
295) $\frac{2}{11}a + 6\frac{7}{18} < 5\frac{1037}{1386}$



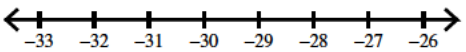
296) $20\frac{1054}{9139} \ge \frac{30}{19} + \frac{12}{13}v$



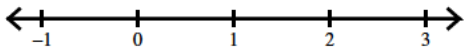
297) $3n - 5 \ge 12\frac{2}{29}$



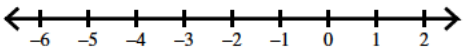
298) $-46\frac{1}{3} \le \frac{4}{3}k - 5$



299) $-\frac{1}{3} + 7\frac{7}{18}x > 9\frac{14}{27}$



300) $4\frac{10}{11} + \frac{4}{7}x \ge 3\frac{23}{231}$



301) $8\frac{3199}{9504} \ge 9\frac{13}{27} - \frac{31}{22}m$

302) $9\frac{1601}{3920} > \frac{13}{16} + 17\frac{11}{20}p$

303) $12\frac{13}{14} - 3\frac{13}{18}x < -77\frac{1933}{2268}$

304) $18\frac{2}{3} - \frac{25}{23}n \le 16\frac{34}{69}$

305) $-3\frac{6019}{11060} \leq -\frac{9}{7}n + \frac{17}{20}$

306) $-1\frac{6913}{11256} \leq -\frac{16}{21}m - \frac{7}{8}$

307) $-\frac{15}{13} + 20\frac{2}{19}r \leq -9\frac{1572}{13091}$

308) $-3\frac{577}{2016} > \frac{2}{3}x - \frac{31}{32}$

309) $1\frac{7}{12}b + 2\frac{26}{27} > \frac{4765}{7668}$

310) $-132\frac{50}{483} \leq -\frac{40}{23}n + \frac{38}{21}$

311) $-\frac{11}{7}v - 1\frac{22}{25} \leq -51\frac{1906}{6825}$

312) $-1 + 35x \geq 57\frac{1}{3}$

313) $-1\frac{29}{30} + 10\frac{13}{14}a \leq 328\frac{15413}{15540}$

314) $-1\frac{47}{112} > -\frac{23}{14} + \frac{3}{8}k$

315) $12\frac{11}{28} + 12\frac{5}{19}p \geq 92\frac{4747}{14364}$

316) $-61\frac{4337}{5040} \geq \frac{62}{35} - 2\frac{5}{6}x$

317) $16\frac{7}{18} + 16\frac{35}{36}r \geq 25\frac{259}{372}$

318) $5\frac{3}{4}x + 16\frac{19}{24} \leq 26\frac{25}{312}$

319) $581\frac{5}{9} \geq 2 + 9\frac{1}{18}m$

320) $-30\frac{7}{15} - n \leq -30\frac{974}{1155}$

321) $4\frac{9}{17} - \frac{32}{17}b \leq -30\frac{261}{833}$

322) $\frac{1}{2} - \frac{6}{7}v \leq -12\frac{199}{238}$

323) $5\frac{1129}{2480} \geq \frac{35}{31}n + 5\frac{3}{10}$

324) $\frac{11}{19}x + 13\frac{29}{35} < 21\frac{4931}{10640}$

325) $\frac{3641}{12350} \leq 1\frac{15}{26} + \frac{21}{25}x$

326) $-\frac{35}{18} + 4\frac{19}{28}a < 1\frac{9755}{13104}$

327) $95\frac{41}{330} \geq -\frac{21}{11} + 6\frac{5}{6}n$

328) $742\frac{32969}{44030} \leq 9\frac{18}{35} + 20\frac{29}{34}k$

329) $14\frac{299}{616} \leq 14\frac{3}{7} - \frac{5}{4}x$

330) $-\frac{9}{5}x - 2\frac{2}{35} \geq -75\frac{6}{7}$

331) $13\frac{314}{825} < 12\frac{3}{5}n + 5\frac{2}{15}$

332) $4\frac{97}{110} \leq 2m + \frac{37}{22}$

333) $\frac{1}{8} - \frac{1}{6}x > \frac{109}{584}$

334) $-29\frac{7}{11}p - 3\frac{16}{17} \geq 2222\frac{500}{2431}$

335) $126\frac{671}{5220} \leq 10\frac{2}{9} + 10\frac{29}{30}n$

336) $28\frac{1}{11} \leq \frac{2}{3}m + 15\frac{1}{2}$

337) $-1\frac{1}{5}r + \frac{19}{17} \leq 1\frac{188}{2465}$

338) $38\frac{13}{19} \geq -\frac{1}{3} + 1\frac{31}{33}x$

339) $17\frac{80}{279} > 18\frac{5}{18} + \frac{7}{9}n$

340) $35\frac{1511}{4230} \leq \frac{19}{30}b + 9\frac{4}{9}$

341) $20\frac{2}{19}x - 1\frac{4}{15} > 344\frac{1813}{2280}$

342) $18\frac{7}{22} + 2v \leq 18\frac{17}{88}$

343) $6\frac{15}{32} - \frac{47}{33}x > -3\frac{10321}{68640}$

344) $\frac{2}{5} + \frac{29}{36}a \geq 1\frac{277}{360}$

345) $13\frac{4}{29}k + \frac{17}{27} > 521\frac{4561}{14877}$

346) $10\frac{25}{37} + 2\frac{17}{30}x < 13\frac{5323}{6290}$

347) $-\frac{8546}{35775} \geq -\frac{26}{27}n + 1\frac{9}{25}$

348) $443\frac{49}{80} \leq \frac{4}{5} + 16\frac{1}{4}p$

349) $-\frac{17}{15} - \frac{4}{33}m < -1\frac{62}{1815}$

350) $52\frac{95}{1666} \geq \frac{41}{21}r + \frac{63}{34}$

351) $-\frac{1}{5} + 20\frac{19}{26}n \geq 28\frac{3943}{7410}$

352) $9\frac{29}{40} - \frac{5}{29}x \leq 9\frac{70911}{82360}$

353) $\frac{25}{16}b + 2 \leq 55\frac{13}{16}$

354) $1\frac{201}{880} \leq \frac{1}{22}v + \frac{19}{16}$

355) $43\frac{5792}{8325} < 1\frac{1}{3}x + 4\frac{19}{37}$

356) $8\frac{1589}{1870} < 4\frac{14}{33} - 3\frac{10}{17}n$

357) $\frac{109}{252} > 5\frac{13}{36} - 6a$

358) $4\frac{393}{455} > 16x + \frac{41}{35}$

359) $109\frac{13}{21} > 12k - \frac{20}{21}$

360) $-\frac{7}{13} + 5\frac{3}{4}x > 192\frac{87}{104}$

361) $\frac{65}{84} > \frac{4}{7}n + \frac{2}{3}$

362) $14\frac{2}{17}m + 1 \leq 432\frac{241}{289}$

363) $-17\frac{5}{6} \geq 10\frac{1}{3} + 18\frac{7}{9}p$

364) $12\frac{13}{20}n - 3 > 101\frac{16}{175}$

365) $2\frac{1}{2}b - 2\frac{11}{26} < -7\frac{5}{104}$

366) $-\frac{10}{7}x + 12\frac{11}{21} > 14\frac{113}{147}$

367) $10\frac{13}{28} - \frac{11}{17}r \geq -8\frac{1639}{2380}$

368) $41\frac{7448}{17649} > 40\frac{4}{9} - \frac{71}{37}x$

369) $7\frac{3}{4} - \frac{7}{10}b > -19\frac{113}{460}$

370) $-\frac{1}{2}n + 1 \leq -10\frac{5}{76}$

371) $-\frac{7}{8} + \frac{53}{38}v < -\frac{7}{8}$

372) $-\frac{2}{37} + 14\frac{26}{33}x < 2\frac{41620}{50061}$

373) $9\frac{10}{23}x + \frac{4}{37} > 187\frac{1957}{6808}$

374) $19\frac{29}{30} - 38a \leq -109\frac{139}{270}$

375) $22\frac{9639}{21460} < 19\frac{14}{29}k + \frac{33}{20}$

376) $18\frac{3829}{12744} \leq 2\frac{19}{27}p + 20\frac{23}{24}$

377) $-13\frac{73}{1260} \leq 5\frac{3}{14} - \frac{11}{8}x$

378) $-50\frac{87}{110} > 6\frac{8}{33} - 29n$

379) $19\frac{511}{620} \leq \frac{1}{2}r - \frac{1}{5}$

380) $11\frac{347}{660} \geq 2\frac{9}{20}m + 7\frac{1}{6}$

381) $14\frac{691}{6864} < \frac{17}{11}x - 3\frac{35}{39}$

382) $\frac{2}{15}v + 6\frac{35}{38} > 7\frac{2173}{3762}$

383) $-22\frac{37}{40} > \frac{22}{19}b - 21$

384) $14\frac{1411}{3828} > -1\frac{5}{8}n + 12\frac{3}{29}$

385) $-\frac{17}{19} + 10\frac{11}{12}n < -3\frac{569}{912}$

386) $-21\frac{14}{19}x + 16\frac{7}{40} < -200\frac{13217}{38760}$

387) $-\frac{7}{15} < -\frac{16}{15} - \frac{1}{4}a$

388) $-\frac{12}{7}k - 1\frac{9}{32} > \frac{465}{736}$

389) $-10\frac{11}{54} > 5\frac{1}{6} - \frac{2}{5}x$

390) $16\frac{2}{3} + \frac{1}{3}x > 16\frac{4}{15}$

391) $\frac{7}{5}n - \frac{3}{8} \geq -2\frac{33}{40}$

392) $4\frac{4}{7}m + 24\frac{3}{7} \leq 155\frac{2}{63}$

393) $\frac{25}{18} - \frac{2}{35}p \geq 1\frac{979}{2610}$

394) $93\frac{75}{104} < 18\frac{3}{4}x - \frac{3}{4}$

395) $1\frac{39}{209} \geq 1 - 1\frac{1}{38}n$

396) $10\frac{25}{31616} > \frac{12}{13} + \frac{11}{32}b$

397) $22\frac{631}{6405} \geq 6\frac{13}{15} + \frac{4}{7}r$

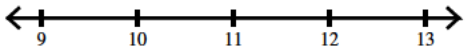
398) $-\frac{5}{4}x + 17\frac{3}{4} \geq 15\frac{89}{116}$

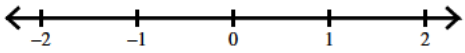
399) $-\frac{19}{35} < -\frac{3}{4}n + 9\frac{19}{40}$

400) $-\frac{8}{7} - \frac{40}{27}b < \frac{14296}{14931}$

401) $20\frac{11}{24}v + 3\frac{15}{32} \geq 237\frac{1199}{1536}$

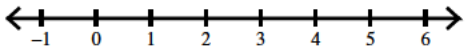
402) $\frac{23}{16} + 17\frac{1}{22}x \leq 9\frac{169}{176}$

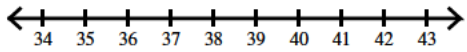




403) $12\frac{761}{1160} < \frac{23}{20}x + 10\frac{27}{29}$

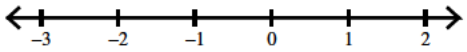
404) $32\frac{1025}{6552} < \frac{11}{14}p + 1\frac{23}{26}$

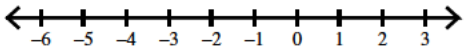




405) $4\frac{4729}{14070} < 15\frac{7}{24}k - \frac{8}{35}$

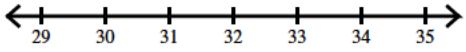
406) $10\frac{1}{10} + \frac{5}{19}x < 9\frac{1063}{1330}$

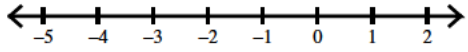




407) $20\frac{13}{72} \geq 8\frac{23}{24} + \frac{1}{3}a$

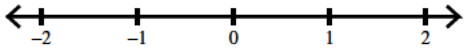
408) $19\frac{275}{468} > \frac{5}{12}r + 19\frac{25}{26}$

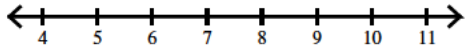




409) $-\frac{2}{3} - \frac{16}{15}m > -1\frac{67}{135}$

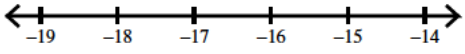
410) $239\frac{1}{6} \geq 27n + \frac{2}{3}$

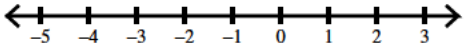




411) $-\frac{7}{24}n + 7\frac{34}{35} < 12\frac{67}{105}$

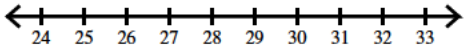
412) $-\frac{5}{3}v + 11\frac{3}{7} > 13\frac{1}{3}$

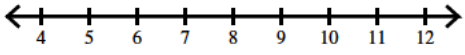




413) $50\frac{20}{57} \geq 13\frac{11}{38} + \frac{5}{4}b$

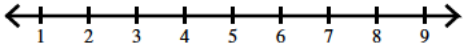
414) $118\frac{1096}{3255} < 18\frac{2}{31}x - 29\frac{33}{35}$

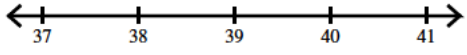




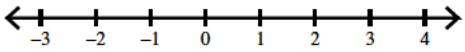
415) $-34x - \frac{11}{8} < -225\frac{113}{216}$

416) $-\frac{1}{11} + \frac{10}{31}n > 12\frac{3161}{4433}$

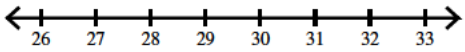




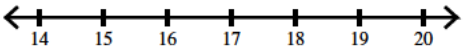
417) $5\frac{37}{75} > -1\frac{3}{4}a + 5\frac{24}{25}$



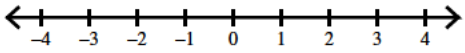
418) $6\frac{2}{3} + 4\frac{1}{6}k > 139\frac{17}{27}$



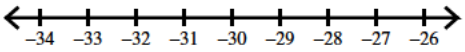
419) $9\frac{31910}{37851} < \frac{17}{33}x + \frac{50}{37}$



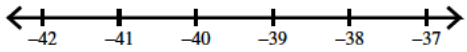
420) $4\frac{15}{74} > 4\frac{4}{37} + \frac{7}{37}x$



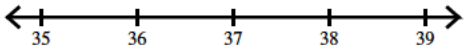
421) $-188\frac{113}{360} < 13\frac{3}{40} + 6\frac{17}{18}m$



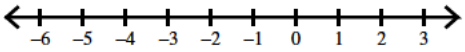
422) $-\frac{17}{11}p + \frac{12}{13} < 62\frac{106}{143}$



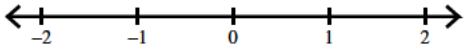
423) $368\frac{17911}{20790} > \frac{4}{11} + 9\frac{23}{30}n$



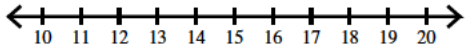
424) $-50\frac{19}{30} \le -\frac{17}{15} + 33x$



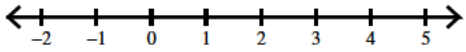
425) $25\frac{824}{1675} \le 15\frac{21}{25}n + 21$



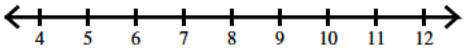
426) $2\frac{7}{18} - \frac{37}{21}b > -24\frac{1795}{3276}$



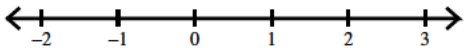
427) $8\frac{12}{29}r + 9\frac{1}{10} \le 8\frac{6923}{10730}$



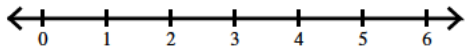
428) $-\frac{3}{10}x - \frac{13}{10} < -3\frac{19}{20}$



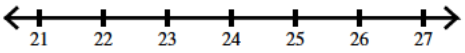
429) $21n + \frac{13}{17} \le 39\frac{13}{17}$



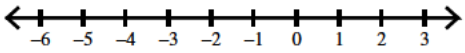
430) $70\frac{16561}{26125} \le 16\frac{9}{25}a - \frac{20}{19}$



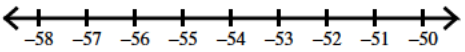
431) $1\frac{10}{33}v + \frac{73}{38} > 34\frac{19813}{25080}$



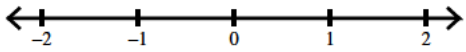
432) $\frac{7}{6} + 12\frac{10}{17}x > -15\frac{21}{34}$



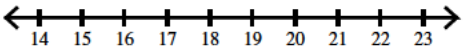
433) $-115\frac{29}{35} > 11\frac{13}{35} + 2\frac{2}{5}x$



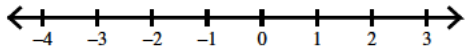
434) $-4\frac{1837}{7163} > -\frac{21}{19} + 4\frac{2}{13}a$



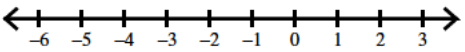
435) $13\frac{3}{7} + \frac{4}{13}k < 19\frac{40}{77}$



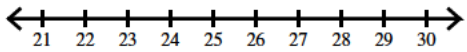
436) $8\frac{79}{80} > 7\frac{17}{40} + \frac{15}{8}p$



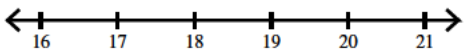
437) $-29\frac{1}{6} \ge \frac{15}{8} + 15\frac{5}{6}x$



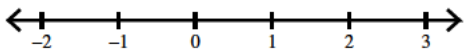
438) $-39\frac{73}{465} > \frac{4}{3} - 1\frac{3}{5}n$



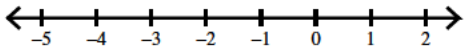
439) $-3\frac{13}{18} - \frac{9}{7}r < -27\frac{293}{630}$



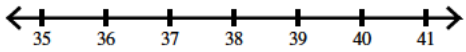
440) $\frac{953}{2160} \ge \frac{1}{9}m + \frac{7}{16}$



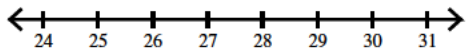
441) $-2\frac{21}{100} < -\frac{21}{20} + 1\frac{3}{5}x$



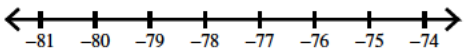
442) $-\frac{3}{4}n + 6\frac{5}{14} \le -22\frac{107}{455}$



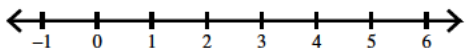
443) $-53\frac{179}{297} < -\frac{50}{33} - \frac{17}{9}b$



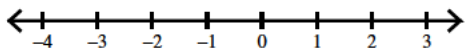
444) $8\frac{17}{21} + \frac{58}{31}v < -133\frac{250}{651}$



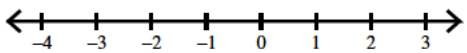
445) $58\frac{241}{252} > 12\frac{1}{7}x + \frac{23}{18}$



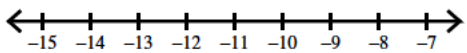
446) $1\frac{1367}{3264} < \frac{11}{16}n + \frac{11}{6}$



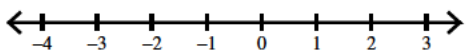
447) $-10\frac{36}{77} < 5\frac{19}{28}k - \frac{1}{7}$



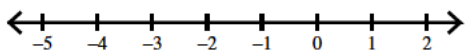
448) $-13\frac{13}{703} < 2a + 9\frac{13}{19}$



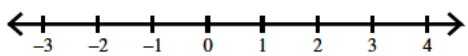
449) $23\frac{2029}{2457} < 24\frac{22}{27} + \frac{15}{26}x$



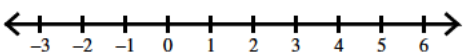
450) $6\frac{349}{435} > 20\frac{5}{6} + 10\frac{23}{29}n$



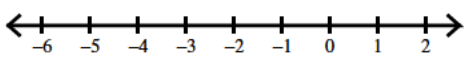
451) $4\frac{17}{50} \le 2m + \frac{1}{2}$



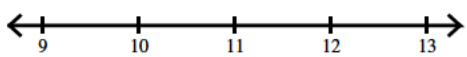
452) $-2\frac{1}{6}x - 1\frac{19}{40} \le -7\frac{689}{2840}$



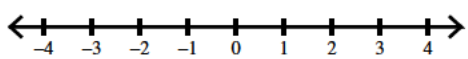
453) $-2\frac{9}{22}x + 7\frac{6}{29} \ge 11\frac{2027}{7975}$



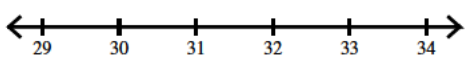
454) $2p - \frac{1}{9} < 23\frac{31}{45}$



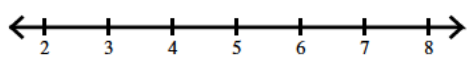
455) $1\frac{13}{14} \ge -33b + \frac{3}{4}$



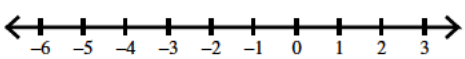
456) $651\frac{3605}{4902} < -\frac{35}{19} + 19\frac{5}{6}n$



457) $3\frac{486}{2821} \le \frac{16}{13}r - \frac{57}{31}$

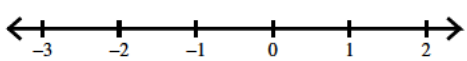


458) $-26\frac{1387}{15555} > \frac{4}{15} + 10\frac{11}{17}x$

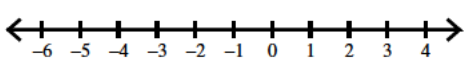


459) $11\frac{257}{672} < \frac{1}{3}a + \frac{25}{28}$

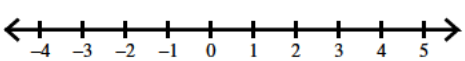
460) $-\frac{14}{11}n + 17\frac{25}{39} \le 17\frac{592}{9867}$



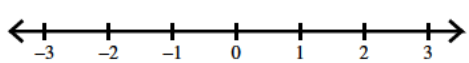
461) $-32\frac{457}{714} > 16\frac{9}{14}v - \frac{1}{3}$



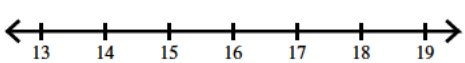
462) $-\frac{1}{2}x - \frac{25}{19} < -1\frac{283}{475}$



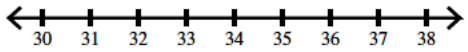
463) $10\frac{5}{98} > 7\frac{1}{7}a - \frac{5}{14}$



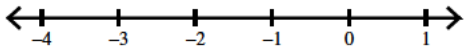
464) $\frac{18}{13} + 2\frac{10}{11}x \ge 46\frac{23}{26}$



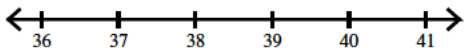
465) $17\frac{16}{35}k - 22 \le 561\frac{659}{700}$



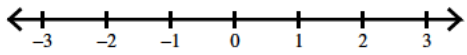
466) $-1\frac{214}{2345} \ge -\frac{1}{3}p - 1\frac{22}{35}$



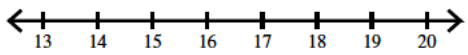
467) $9\frac{4}{29} - \frac{34}{33}x > -30\frac{40129}{50721}$



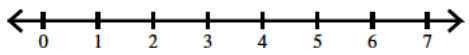
468) $4\frac{1904}{2109} > \frac{23}{37}n + 4\frac{1}{6}$



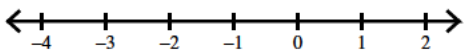
469) $-1 + \frac{29}{15}m < 28\frac{29}{345}$



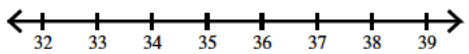
470) $34\frac{23}{33} \ge 25 + 4\frac{28}{33}r$



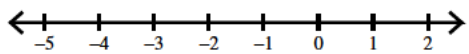
471) $-2 + 4\frac{2}{31}x < -8\frac{30}{31}$



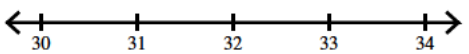
472) $34\frac{5493}{11726} < \frac{25}{33}n + 6\frac{21}{26}$



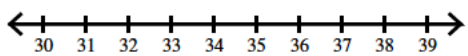
473) $4\frac{1583}{2720} > \frac{18}{17}b + 6\frac{19}{32}$



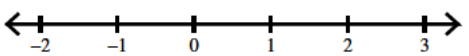
474) $5\frac{19}{30}v + 12\frac{27}{32} > 194\frac{4481}{17760}$



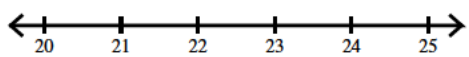
475) $-1307\frac{13}{90} < -38n + 4\frac{5}{18}$



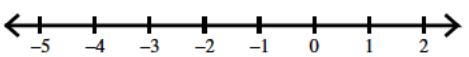
476) $\frac{2133}{2242} < -\frac{45}{38} + 2x$



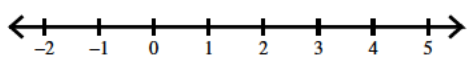
477) $10\frac{1}{3} + 16\frac{16}{33}a \ge 385\frac{292}{429}$



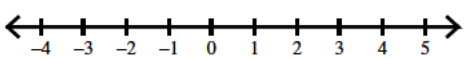
478) $-\frac{8}{23}k - \frac{3}{2} \le -1\frac{331}{3542}$



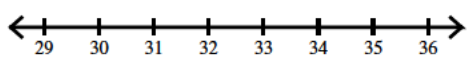
479) $50\frac{622}{837} < 10\frac{19}{31}p + 15\frac{19}{27}$



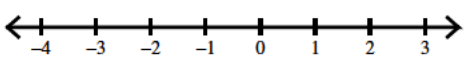
480) $14\frac{7595}{31968} > \frac{15}{37} + 17\frac{17}{18}x$



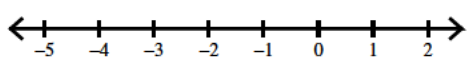
481) $1296\frac{43}{96} < 4 + 39\frac{7}{18}n$



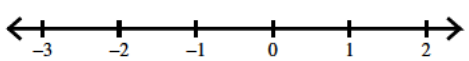
482) $-\frac{65}{38} - \frac{13}{7}m > -3\frac{1291}{5320}$



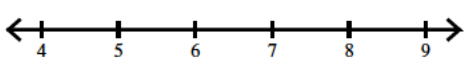
483) $7\frac{3}{4} + \frac{34}{19}p < 5\frac{395}{836}$



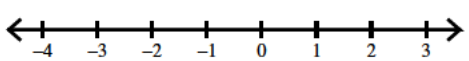
484) $-\frac{5}{7} - \frac{29}{15}n > 2\frac{1081}{1995}$



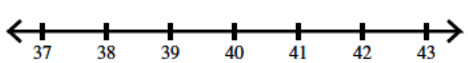
485) $\frac{4}{3} - 3\frac{19}{33}x \le -27\frac{223}{1683}$



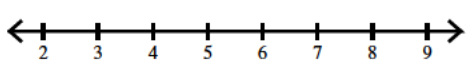
486) $-5\frac{2}{3} \ge \frac{1}{2} + 15\frac{5}{12}b$



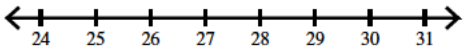
487) $326\frac{1436}{2849} > 8\frac{1}{7}x + 4\frac{1}{11}$



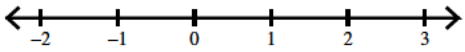
488) $12\frac{27}{32}r + 4\frac{1}{15} < 103\frac{7201}{11040}$



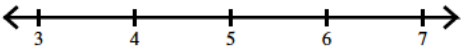
489) $49\frac{527}{2001} < -\frac{4}{3} + \frac{52}{29}n$



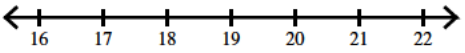
490) $12\frac{23}{42} \le 2\frac{1}{3}a + 10\frac{3}{14}$



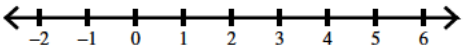
491) $-\frac{25}{37} + 3\frac{25}{32}x > 20\frac{13015}{24272}$



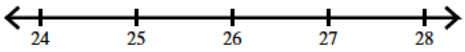
492) $261\frac{1481}{6048} \ge \frac{19}{14} + 12\frac{5}{12}v$



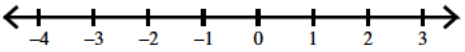
493) $15\frac{887}{2405} < 14\frac{13}{35}x - \frac{4}{37}$



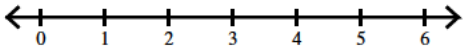
494) $-\frac{44}{37} + 37n \le 980\frac{404}{407}$



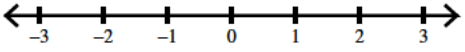
495) $16\frac{1357}{1482} < -\frac{16}{39}k + 17\frac{3}{26}$



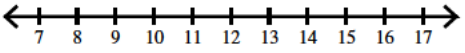
496) $5\frac{333}{442} > \frac{14}{13} + \frac{22}{17}p$



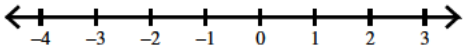
497) $13\frac{4399}{11832} < 13\frac{7}{24} - 2\frac{11}{34}x$



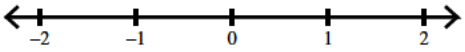
498) $6\frac{17}{36} + \frac{11}{10}x < 19\frac{11341}{14220}$



499) $8\frac{9}{20} \le -\frac{13}{8}n + 6\frac{1}{2}$



500) $-\frac{14}{13} + 18\frac{23}{28}n < -11\frac{4181}{8554}$



Solve each inequality.

501) $49\frac{3}{49} > \frac{3}{98}v + 49$

502) $862\frac{1179}{2380} \le 16 + 46\frac{1}{17}a$

503) $34\frac{13}{23}x + 4\frac{33}{80} \ge 2010\frac{5533}{12880}$

504) $97\frac{452}{655} < 11\frac{2}{5} + 2k$

505) $14\frac{7}{27} < \frac{34}{81}n - 55$

506) $-42\frac{8941}{29040} > -\frac{59}{33}x - \frac{7}{5}$

507) $146\frac{3235}{9352} > \frac{13}{7} + 5\frac{3}{80}x$

508) $4\frac{28}{99}n + \frac{9}{5} \ge 2\frac{1493}{3135}$

509) $-37\frac{46969}{57155} < 24\frac{3}{14}p - \frac{114}{71}$

510) $\frac{13}{77} + 22\frac{43}{49}r > 159\frac{172}{2695}$

511) $-35\frac{29}{318} \le 2x - 31\frac{1}{6}$

512) $66\frac{2767}{3612} \ge 25\frac{14}{43}m + 25\frac{53}{60}$

513) $86\frac{549}{9106} \ge 47\frac{1}{2} + \frac{13}{29}n$

514) $28 \le -\frac{3}{16} + 28\frac{3}{16}b$

515) $130\frac{49}{559} \ge 12\frac{17}{43} - \frac{17}{13}x$

516) $-v + \frac{3}{46} \le -193\frac{43}{46}$

517) $2\frac{81}{464} \ge \frac{54}{29} - \frac{10}{11}n$

518) $1011\frac{229207}{426758} < 22\frac{22}{79} + 16\frac{50}{73}a$

519) $35\frac{11}{94}k + \frac{50}{63} \le 288\frac{2111}{5544}$

520) $13\frac{53}{57}p + 34\frac{21}{53} > 512\frac{529631}{552843}$

521) $-26\frac{2}{5} \geq -\frac{2}{5} + 26x$

522) $-\frac{1}{10}n + \frac{7}{17} < \frac{1349}{3400}$

523) $\frac{58}{41} - \frac{2}{5}m \geq -\frac{648}{14555}$

524) $-3\frac{19}{46}r + 16\frac{49}{55} \leq 15\frac{69706}{155595}$

525) $-2\frac{3549}{59363} \geq -\frac{29}{23} + 11\frac{52}{89}x$

526) $41\frac{5}{11} + 25\frac{1}{5}n \geq -1495\frac{41}{55}$

527) $16\frac{28}{73} - \frac{17}{25}b \geq 17\frac{116}{1825}$

528) $-57\frac{347}{6789} \leq -\frac{59}{73}r - \frac{7}{6}$

529) $28\frac{46}{51} - \frac{51}{47}a \geq 28\frac{121861}{357153}$

530) $\frac{38}{25}n - \frac{5}{31} < 86\frac{2276}{37975}$

531) $9\frac{63711}{172325} \geq 10\frac{2}{25} + 13\frac{23}{61}x$

532) $34\frac{3}{95} + \frac{53}{30}v \geq 30\frac{33367}{38000}$

533) $17\frac{6577}{11440} > \frac{1}{11}x + 14\frac{59}{80}$

534) $-\frac{5}{12} + \frac{37}{76}x > -\frac{167}{228}$

535) $-5463\frac{161}{792} \geq -65n + 3\frac{4}{9}$

536) $41\frac{9}{88}p + 31\frac{19}{78} \leq 3566\frac{67}{1716}$

537) $-21\frac{6215}{35028} > 38\frac{31}{63}k + 43\frac{29}{84}$

538) $71\frac{58}{91}n + \frac{1}{4} \geq 8\frac{229}{1092}$

539) $\frac{79}{48} + 10\frac{14}{69}x \geq 923\frac{89479}{193200}$

540) $27\frac{10}{49}m - \frac{92}{75} \leq 2053\frac{157468}{290325}$

541) $-42\frac{377}{693} \leq -42 - \frac{29}{77}r$

542) $48\frac{63}{64}n - \frac{23}{21} \geq 86\frac{121699}{223104}$

543) $-\frac{12}{7}x + 22\frac{2}{7} > -82\frac{36}{133}$

544) $41\frac{127}{210} \leq -\frac{1}{7}b + 41\frac{11}{30}$

545) $-131\frac{1029}{1102} < \frac{25}{29}n + 16\frac{13}{38}$

546) $-29v - \frac{39}{74} < -1958\frac{1}{37}$

547) $37\frac{80}{93}x - \frac{4}{9} \leq -6\frac{134}{2511}$

548) $1\frac{43}{158} < -\frac{130}{79}a + 2$

549) $\frac{3}{28}k + 50\frac{1}{5} \leq 49\frac{1634}{1645}$

550) $1884\frac{37001}{130944} \leq 50\frac{5}{44} + 23\frac{13}{62}p$

551) $25\frac{715}{738} \geq -\frac{14}{9}x + 24\frac{1}{41}$

552) $-11\frac{667}{756} < -\frac{23}{54}n + 11\frac{1}{24}$

553) $27\frac{13}{94}m + \frac{27}{20} \geq -24\frac{1159}{1504}$

554) $2\frac{29}{80}x + \frac{115}{88} \geq 4\frac{669}{2288}$

555) $3169\frac{5957}{35108} \geq 48\frac{1}{4}r + \frac{34}{67}$

556) $25\frac{7}{24}n + \frac{70}{41} > -29\frac{2573}{13694}$

557) $\frac{21}{13}v + \frac{118}{67} \leq -40\frac{16}{67}$

558) $10\frac{16}{73}b + 10\frac{7}{10} \leq 364\frac{8409}{13870}$

559) $72\frac{1067}{1098} < -43x + 35\frac{11}{18}$

560) $\frac{23}{21} + 26\frac{25}{68}n < 797\frac{128047}{151368}$

561) $-\frac{8}{11}v - \frac{65}{86} \leq 1\frac{4423}{4730}$

562) $1\frac{59491}{270040} > -\frac{73}{40}a - \frac{32}{43}$

563) $44\frac{16}{25}x + 14\frac{82}{91} \le -38\frac{72238}{138775}$

564) $-231\frac{1441}{4500} > -\frac{11}{6} - 2\frac{69}{100}x$

565) $\frac{3}{2}p - \frac{29}{33} > 114\frac{53}{264}$

566) $20\frac{1451}{5661} \le 6\frac{11}{54}k + 16\frac{25}{34}$

567) $\frac{19}{90}n + 22\frac{11}{28} \le 37\frac{37081}{122220}$

568) $23\frac{3}{41}x - \frac{9}{10} \le 22\frac{31913}{75030}$

569) $\frac{1}{24}n + 29 > 30\frac{583}{864}$

570) $2\frac{91691}{202014} < -\frac{41}{27}m + \frac{163}{86}$

571) $39\frac{17}{18}x - \frac{5}{4} < 710\frac{2681}{4428}$

572) $9\frac{27}{31} - \frac{69}{70}r \ge 11\frac{54923}{154070}$

573) $-\frac{37}{39} + 39\frac{3}{55}n \ge 17\frac{28384}{62205}$

574) $29\frac{35}{97} + 31\frac{73}{96}b \le 113\frac{52303}{80704}$

575) $\frac{49}{87} - 1\frac{5}{42}v > \frac{731}{13398}$

576) $26a + 32\frac{53}{79} \le -10\frac{12743}{13035}$

577) $121\frac{1097}{95418} \ge 46\frac{1}{81} + \frac{17}{19}x$

578) $1530\frac{4891}{104412} \le 20\frac{13}{66}n + \frac{157}{84}$

579) $-78\frac{4923}{6854} \ge -\frac{31}{46}k - 38\frac{6}{23}$

580) $\frac{35}{58}p - \frac{31}{32} \le -\frac{4243}{4640}$

581) $-85 + 34\frac{3}{44}n \le -17\frac{1187}{2288}$

582) $1641\frac{46}{265} < 35\frac{13}{24}x + 37\frac{31}{40}$

583) $795\frac{585328}{607569} < 34\frac{68}{93}r + \frac{89}{47}$

584) $\frac{116}{97} + 4\frac{17}{72}x < -\frac{60349}{666972}$

585) $16\frac{61594}{75603} > 18\frac{41}{79} + 18\frac{65}{87}m$

586) $42\frac{19}{84}n - \frac{5}{9} \le 3105\frac{3988}{11025}$

587) $\frac{41}{43} - \frac{115}{59}b \ge 2\frac{830}{22833}$

588) $20\frac{4}{53} + 35\frac{11}{52}v > 3133\frac{92009}{108862}$

589) $-\frac{3}{88}n + 13\frac{29}{76} < 13\frac{1241}{3344}$

590) $\frac{35}{64} - \frac{11}{7}x \ge -128\frac{1643}{29120}$

591) $-157\frac{123029}{608058} \le 34\frac{7}{99} + \frac{61}{37}a$

592) $-\frac{6}{37}k + 12\frac{63}{65} \le 13\frac{1598}{7215}$

593) $-2\frac{164}{1035} < \frac{1}{10} - \frac{11}{6}x$

594) $45\frac{11087}{18117} \ge 24\frac{23}{33} + 11\frac{32}{61}x$

595) $4\frac{71}{81} + 16\frac{10}{39}n > 770\frac{6133}{36855}$

596) $51\frac{3340}{91377} > \frac{56}{33}k + 33\frac{24}{71}$

597) $248\frac{135}{164} \ge \frac{3}{41} - \frac{5}{4}p$

598) $12x - \frac{17}{30} > 65\frac{209}{240}$

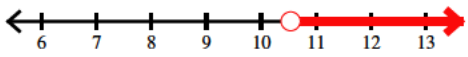
599) $1613\frac{179}{924} > 17\frac{37}{42}n - \frac{11}{8}$

600) $2\frac{107}{532} \le -\frac{2}{7} - \frac{36}{19}m$

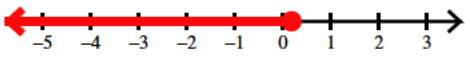
Two-step inequalities - fractions

Solve an inequality:

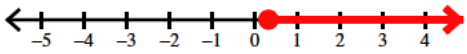
1) $-101\frac{101}{130} > \frac{3}{2} - 9\frac{4}{5}k$



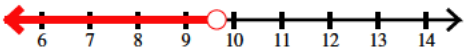
2) $\frac{121}{140} \geq \frac{5}{7} + \frac{4}{5}a$



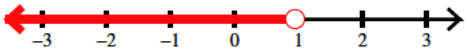
3) $\frac{3}{8} + \frac{7}{8}p \geq \frac{2}{3}$



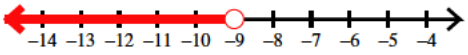
4) $-\frac{2}{3}n + 3\frac{1}{5} > -3\frac{59}{255}$



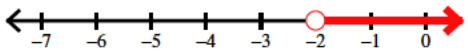
5) $\frac{5}{6}x + \frac{1}{4} < 1\frac{1}{24}$



6) $\frac{14}{9} + \frac{19}{10}n < -15\frac{49}{90}$

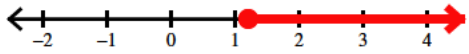


7) $-3\frac{2}{5} + 5\frac{1}{6}x > -13\frac{11}{15}$

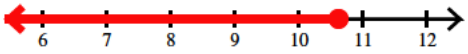


8) $\frac{5}{7} + 5\frac{4}{7}r \geq 60\frac{17}{28}$

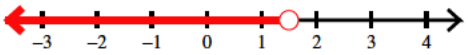
9) $\frac{19}{10} - 3\frac{3}{10}m \leq -2\frac{3}{28}$



10) $36\frac{23}{24} \geq 3\frac{2}{3}b - 2$

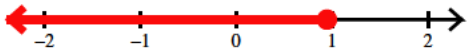


11) $5\frac{5}{6} - \frac{5}{4}v > 3\frac{23}{24}$

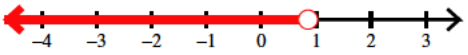


12) $13\frac{1}{5} \leq \frac{8}{5}x + 4\frac{2}{3}$

13) $4\frac{21}{152} \geq 4\frac{1}{2}n - \frac{1}{8}$

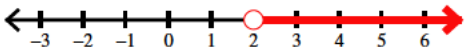


14) $6\frac{1}{2} + \frac{12}{7}k < 7\frac{95}{98}$

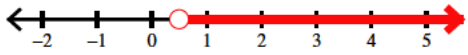


15) $\frac{2}{7} - \frac{4}{3}a > -10\frac{18}{35}$

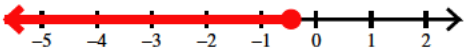
16) $6\frac{13}{20} < -1\frac{3}{4} + 4\frac{1}{5}x$



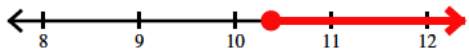
17) $4\frac{3}{5} < 3\frac{3}{5} + 2x$



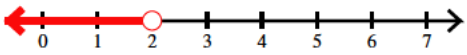
18) $-3\frac{1}{4} + 5\frac{4}{9}n \leq -5\frac{287}{396}$



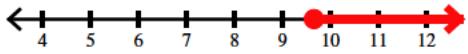
19) $60\frac{149}{240} \leq \frac{1}{10} + 5\frac{5}{6}m$



20) $9\frac{1}{3} > 3\frac{2}{3}p + 2$

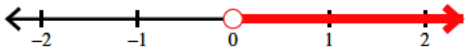


21) $27\frac{11}{12} \leq 4x - 10\frac{3}{4}$



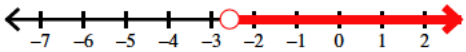
22) $1\frac{3}{4}n + 1\frac{5}{6} > 12\frac{23}{48}$

23) $3\frac{1}{2} < 4\frac{2}{7}b + 3\frac{1}{2}$

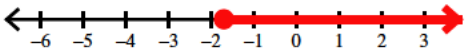


24) $-11\frac{17}{42} \le -\frac{5}{4}r - \frac{1}{3}$

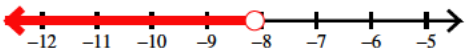
25) $-7\frac{19}{24} < -2\frac{2}{3} + 2x$



26) $-3\frac{171}{364} \le 1\frac{3}{8}n - \frac{8}{7}$

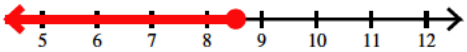


27) $\frac{1}{8}v + 3\frac{3}{8} < 2\frac{23}{64}$



28) $-2\frac{2}{9}a + \frac{4}{3} \ge -15\frac{43}{99}$

29) $37\frac{303}{1190} \ge \frac{7}{10} + 4\frac{2}{7}x$

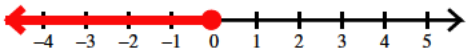


30) $-4\frac{43}{60} \ge -\frac{4}{5} - a$

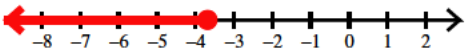
31) $-2\frac{1}{9} + \frac{4}{3}k \ge 9\frac{20}{27}$

32) $-1\frac{13}{15} < \frac{5}{6} - \frac{3}{2}x$

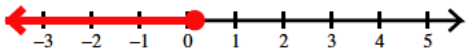
33) $4\frac{77}{285} \ge \frac{6}{5}p + 4\frac{1}{3}$



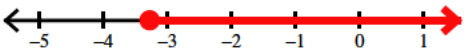
34) $-1 + \frac{5}{3}x \le -7\frac{7}{48}$



35) $3r + \frac{7}{8} \le 1\frac{13}{40}$

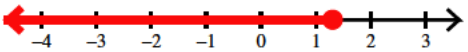


36) $8\frac{7}{22} \ge -3m - \frac{3}{2}$

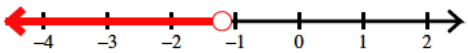


37) $-\frac{7}{8} - \frac{12}{7}x \le -1\frac{79}{136}$

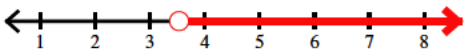
38) $4\frac{277}{390} \ge 2\frac{1}{5}n + \frac{11}{6}$



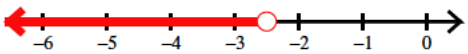
39) $\frac{1}{2} - b > 1\frac{7}{10}$



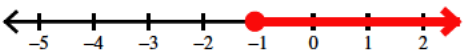
40) $-1 + \frac{1}{3}n > \frac{8}{45}$



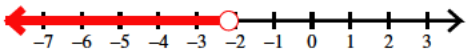
41) $-5\frac{3}{4} > \frac{3}{2}v - 2$



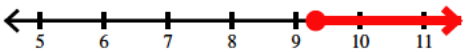
42) $\frac{83}{108} \le 2 + 1\frac{1}{6}x$



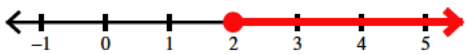
43) $5\frac{5}{8} + \frac{3}{2}a < 2\frac{3}{8}$



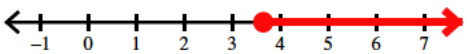
44) $-58\frac{23}{24} \ge -6\frac{2}{3}n + 3\frac{1}{8}$



45) $1\frac{4}{9} + 4\frac{1}{9}k \ge 9\frac{2}{3}$

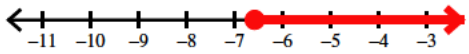


46) $-3\frac{289}{1400} \le \frac{1}{10}p - 3\frac{4}{7}$

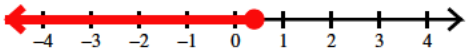


47) $-\frac{2}{153} > -\frac{16}{9} - 2x$

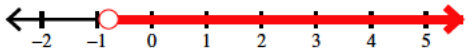
48) $-2n - \frac{6}{5} \leq 11\frac{33}{35}$



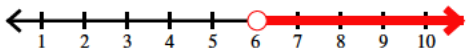
49) $1\frac{3}{4} \geq 1 + 1\frac{7}{8}m$



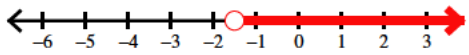
50) $-1\frac{3}{10}n - 1\frac{2}{5} < -\frac{7}{18}$



51) $-\frac{3}{2} + \frac{3}{2}x > 7\frac{7}{12}$

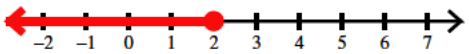


52) $3\frac{17}{30} < \frac{2}{5}p + 4\frac{1}{6}$

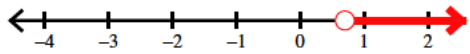


53) $-\frac{5}{3} + 3\frac{1}{3}b < 4\frac{4}{9}$

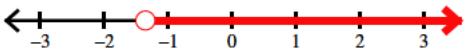
54) $2\frac{1}{2} + \frac{8}{5}r \leq 5\frac{7}{10}$



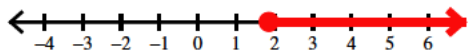
55) $2\frac{59}{360} < \frac{3}{8} + 2\frac{5}{9}n$



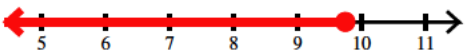
56) $-\frac{2}{3} + \frac{19}{10}x > -3\frac{139}{600}$



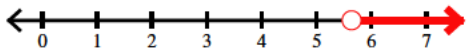
57) $\frac{6}{7}a + 3\frac{3}{8} \geq 4\frac{379}{392}$



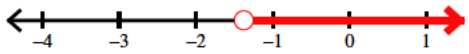
58) $-\frac{61}{72} \leq \frac{7}{9} - \frac{1}{6}v$



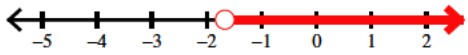
59) $\frac{7}{5} + 1\frac{5}{6}x > 11\frac{313}{420}$



60) $1\frac{37}{48} > -1\frac{1}{6}n + \frac{1}{6}$



61) $\frac{3}{2} - 2\frac{1}{4}k < 5\frac{1}{4}$

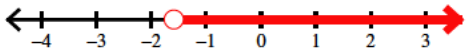


62) $-2x + \frac{4}{5} \leq 4\frac{34}{55}$

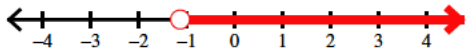
63) $-3\frac{1}{6} + 8p > 1\frac{1}{10}$

64) $5\frac{29}{60} \geq 5 + 4\frac{5}{6}n$

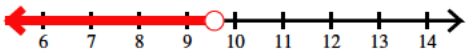
65) $-\frac{2}{5} + \frac{3}{8}x > -\frac{159}{160}$



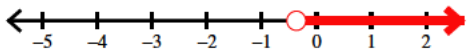
66) $-2\frac{17}{80} > -1\frac{1}{2}r - 3\frac{9}{10}$



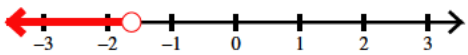
67) $5\frac{2}{5}m + 9 < 60\frac{24}{35}$



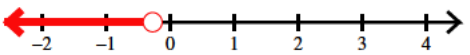
68) $\frac{7}{5}n - 2 > -2\frac{28}{55}$



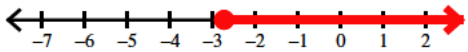
69) $2\frac{11}{20} < -2\frac{4}{5}b - 2$



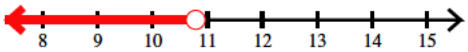
70) $1\frac{6}{7}x + 5\frac{1}{4} < 4\frac{317}{420}$



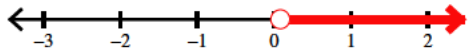
71) $2\frac{79}{84} \geq -\frac{3}{2}v - 1\frac{1}{7}$



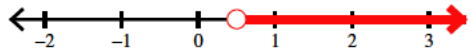
72) $-\frac{3}{2} - 1\frac{6}{7}x > -21\frac{26}{49}$



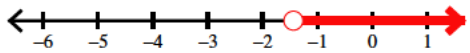
73) $\frac{3}{2}n - 1\frac{4}{9} > -1\frac{23}{72}$



74) $-4\frac{7}{30} > -3\frac{9}{10} - \frac{2}{3}a$



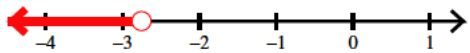
75) $-p - 1\frac{5}{8} < -\frac{3}{16}$



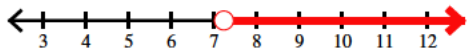
76) $1\frac{401}{570} < \frac{1}{3}k + 2\frac{3}{10}$

77) $\frac{4}{5}x + 1\frac{1}{2} > \frac{67}{130}$

78) $\frac{1}{3} + \frac{1}{9}n < \frac{1}{36}$

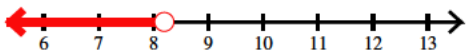


79) $-\frac{74}{595} < -\frac{11}{7} + \frac{1}{5}p$

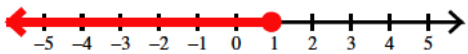


80) $5\frac{7}{9} > \frac{8}{9}m + 4\frac{4}{5}$

81) $-48\frac{8}{15} < \frac{2}{3} - 6n$

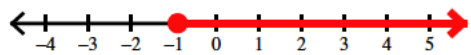


82) $1\frac{1}{4}x + 2\frac{1}{3} \leq 3\frac{1}{2}$

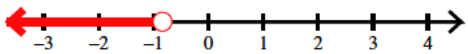


83) $5\frac{1}{5}b + 4\frac{3}{5} \leq 17\frac{3}{5}$

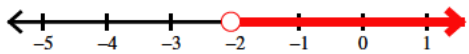
84) $-7\frac{131}{228} \leq -3\frac{1}{4} + 4\frac{5}{6}r$



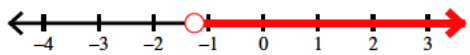
85) $1\frac{10}{21} < -\frac{8}{5}n + \frac{1}{7}$



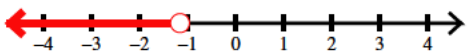
86) $-1\frac{7}{9} + 3\frac{1}{2}x > -8\frac{287}{288}$



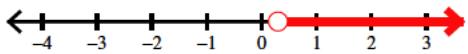
87) $-1\frac{5}{8} < 3\frac{1}{2} + 4\frac{1}{10}a$



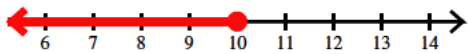
88) $3\frac{1}{6}v + \frac{2}{5} < -3\frac{29}{120}$



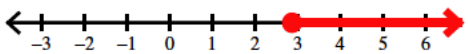
89) $\frac{3}{4}x + \frac{7}{5} > 1\frac{5}{8}$



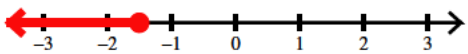
90) $-9 + \frac{13}{8}n \leq 7\frac{1}{4}$



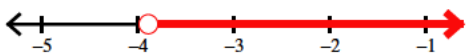
91) $-3\frac{5}{6} - 1\frac{1}{2}x \leq -8\frac{7}{48}$



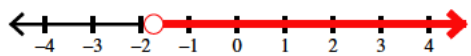
92) $1\frac{25}{56} \leq -\frac{5}{7}k + \frac{3}{8}$



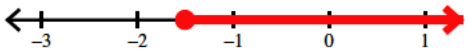
93) $-\frac{5}{3} - \frac{4}{3}x < 3\frac{14}{27}$



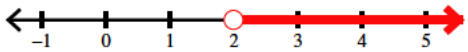
94) $-1\frac{6}{55} > -3\frac{7}{10} - \frac{3}{2}p$



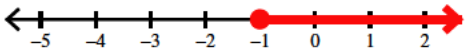
95) $\frac{2}{7}n + 4\frac{5}{8} \geq 4\frac{11}{56}$



96) $5\frac{1}{35} < 3\frac{3}{7} + \frac{4}{5}m$

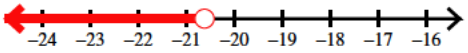


97) $\frac{1}{7} \geq -1 - \frac{8}{7}n$

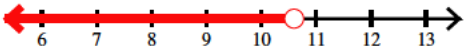


98) $\frac{8}{9}x + 1\frac{2}{5} \geq \frac{31}{45}$

99) $-33\frac{59}{78} > 1\frac{1}{2}r - 2\frac{5}{6}$



100) $-15\frac{9}{14} < -1\frac{3}{7}b - \frac{1}{2}$



Solve each inequality.

101) $\frac{3}{11}x + \frac{2}{7} < -3\frac{20}{77}$ $x < -13$

102) $51\frac{17}{33} \geq 8\frac{1}{3} + 2\frac{3}{11}v$ $v \leq 19$

103) $1\frac{3}{7} - \frac{7}{4}n > -\frac{9}{28}$ $n < 1$

104) $2 + \frac{5}{11}k < \frac{26}{33}$ $k < -2\frac{2}{3}$

105) $25\frac{2}{5} > 2 - x$ $x > -23\frac{2}{5}$

106) $\frac{18}{11}a - 3\frac{7}{11} \geq 6\frac{41}{77}$ $a \geq 6\frac{3}{14}$

107) $-3\frac{43}{44} \leq -\frac{4}{11}p - 4$ $p \leq -\frac{1}{16}$

108) $-1\frac{1}{12} + \frac{7}{8}n \leq -2\frac{53}{240}$ $n \leq -1\frac{3}{10}$

109) $6\frac{2}{3}m + \frac{1}{2} > 4\frac{29}{66}$ $m > \frac{13}{22}$

110) $2\frac{1}{6}r + 5\frac{1}{7} \geq 8\frac{289}{504}$ $r \geq 1\frac{7}{12}$

111) $6\frac{1}{4} > 2\frac{1}{4}x + 5\frac{7}{8}$ $x < \frac{1}{6}$

112) $1\frac{8}{9} - 1\frac{5}{7}n \leq -37\frac{34}{63}$ $n \geq 23$

113) $5\frac{7}{8} - 4b > -1\frac{107}{152}$ $b < 1\frac{17}{19}$

114) $\frac{1}{5}r - \frac{1}{4} > 1\frac{27}{40}$ $r > 9\frac{5}{8}$

115) $3\frac{323}{360} \leq 3\frac{7}{8} + \frac{4}{9}x$ $x \geq \frac{1}{20}$

116) $-32\frac{23}{60} < -2\frac{7}{8}n + \frac{1}{5}$ $n < 11\frac{1}{3}$

117) $\frac{7}{6}v - 2\frac{1}{10} < -2\frac{1}{10}$ $v < 0$

118) $-a - 1 > -5\frac{11}{15}$ $a < 4\frac{11}{15}$

119) $-6\frac{23}{374} < -1\frac{3}{11}x + \frac{3}{2}$ $x < 5\frac{16}{17}$

120) $4\frac{20}{33} > \frac{1}{2}n + \frac{4}{3}$ $n < 6\frac{6}{11}$

121) $-9\frac{1}{12} + 1\frac{2}{3}x > -9\frac{7}{44}$ $x > -\frac{1}{22}$

122) $4\frac{2}{3} - p \leq 25\frac{2}{3}$ $p \geq -21$

123) $1\frac{3}{10} + \frac{12}{11}k < 3\frac{43}{110}$ $k < 1\frac{11}{12}$

124) $\frac{6}{11} + 2\frac{3}{10}x \geq 14\frac{431}{1980}$ $x \geq 5\frac{17}{18}$

125) $\frac{1}{490} < \frac{9}{10} + \frac{11}{7}n$ $n > -\frac{4}{7}$

126) $1\frac{1}{10}m + \frac{4}{3} \leq 6\frac{269}{600}$ $m \leq 4\frac{13}{20}$

127) $-5 + 3\frac{3}{4}r > \frac{5}{8}$ $r > 1\frac{1}{2}$

128) $-7\frac{2}{7} < -x - 1\frac{1}{2}$ $x < 5\frac{11}{14}$

129) $-\frac{2}{5} + 2\frac{4}{7}n \geq 24\frac{47}{70}$ $n \geq 9\frac{3}{4}$

130) $-3\frac{3}{308} < 2\frac{6}{11}b + \frac{9}{7}$ $b > -1\frac{11}{16}$

131) $-2\frac{5}{8}v+2\frac{2}{5}>-18\frac{1}{10}$ $v<7\frac{17}{21}$

132) $-4\frac{82}{99}<-\frac{8}{9}x-2$ $x<3\frac{2}{11}$

133) $\frac{641}{644}>-2\frac{3}{7}n-\frac{7}{4}$ $n>-1\frac{3}{23}$

134) $1\frac{271}{495}>\frac{7}{5}k+2\frac{7}{11}$ $k<-\frac{7}{9}$

135) $-\frac{17}{11}a+6\frac{7}{12}<-8\frac{5}{22}$ $a>9\frac{7}{12}$

136) $-\frac{137}{228}>6\frac{1}{12}x+1$ $x<-\frac{5}{19}$

137) $1\frac{2}{5}-3\frac{1}{2}p<-15\frac{3}{5}$ $p>4\frac{6}{7}$

138) $-\frac{16}{11}n-\frac{1}{11}>-2\frac{3}{11}$ $n<1\frac{1}{2}$

139) $12m-\frac{3}{10}>-45\frac{51}{70}$ $m>-3\frac{11}{14}$

140) $3\frac{2}{9}r-2\frac{1}{2}\geq-6\frac{43}{54}$ $r\geq-1\frac{1}{3}$

141) $\frac{16}{11}-n>1\frac{94}{231}$ $n<\frac{1}{21}$

142) $5\frac{9}{10}+6\frac{1}{3}x\geq-10\frac{79}{240}$ $x\geq-2\frac{9}{16}$

143) $-\frac{4}{3}+\frac{15}{11}b\leq-5\frac{5}{6}$ $b\leq-3\frac{3}{10}$

144) $14\frac{53}{132}\leq\frac{4}{3}r+\frac{5}{4}$ $r\geq9\frac{19}{22}$

145) $-\frac{1}{2}x-\frac{3}{11}\geq\frac{5}{264}$ $x\leq-\frac{7}{12}$

146) $52\frac{115}{153}>8+4\frac{5}{9}n$ $n<9\frac{14}{17}$

147) $8\frac{109}{165}<3\frac{8}{11}-3\frac{7}{10}a$ $a<-1\frac{1}{3}$

148) $-2\frac{431}{570}<-\frac{1}{10}v-\frac{5}{3}$ $v<10\frac{17}{19}$

149) $\frac{21}{11}-\frac{1}{7}x\geq1\frac{549}{616}$ $x\leq\frac{1}{8}$

150) $5\frac{5}{6}x+6\leq17\frac{2}{3}$ $x\leq2$

151) $-k-2<-\frac{14}{15}$ $k>-1\frac{1}{15}$

152) $-4\frac{1}{11}>\frac{10}{11}-\frac{3}{2}n$ $n>3\frac{1}{3}$

153) $-1\frac{1}{9}+2\frac{11}{12}x\geq-\frac{17}{72}$ $x\geq\frac{3}{10}$

154) $29\frac{39}{40}\geq6\frac{1}{2}p-2\frac{1}{5}$ $p\leq4\frac{19}{20}$

155) $-\frac{10}{11}n+2\frac{5}{6}>-5\frac{223}{726}$ $n<8\frac{21}{22}$

156) $2\frac{11}{12}-2\frac{4}{9}m<-1\frac{19}{36}$ $m>1\frac{9}{11}$

157) $-2\frac{5}{8}r+3\frac{1}{6}<4\frac{145}{204}$ $r>-\frac{10}{17}$

158) $-10\frac{7}{12}\leq\frac{5}{3}-1\frac{1}{2}x$ $x\leq8\frac{1}{6}$

159) $\frac{1}{4}n-3\frac{6}{7}\geq-3\frac{55}{56}$ $n\geq-\frac{1}{2}$

160) $-\frac{45}{56}<\frac{7}{4}+\frac{13}{8}b$ $b>-1\frac{4}{7}$

161) $-\frac{3}{2}v+4\frac{5}{12}>1\frac{83}{156}$ $v<1\frac{12}{13}$

162) $-20\frac{125}{144}\leq\frac{13}{9}-2\frac{1}{8}x$ $x\leq10\frac{1}{2}$

163) $-8\frac{29}{36}<3\frac{8}{9}a-2$ $a>-1\frac{3}{4}$

164) $\frac{1}{11}-1\frac{5}{11}n\geq-14\frac{1}{7}$ $n\leq9\frac{11}{14}$

165) $18\frac{23}{36}\leq\frac{5}{4}k+5\frac{1}{6}$ $k\geq10\frac{7}{9}$

166) $1\frac{17}{252}<\frac{1}{2}+\frac{11}{12}p$ $p>\frac{13}{21}$

167) $-8\frac{1}{3}x-\frac{19}{11}>-88\frac{1}{11}$ $x<10\frac{4}{11}$

168) $2\frac{43}{96}\geq\frac{17}{12}+\frac{3}{2}n$ $n\leq\frac{11}{16}$

169) $-1+3\frac{2}{3}m>-\frac{4}{15}$ $m>\frac{1}{5}$

170) $\frac{3}{11}-1\frac{2}{3}r\geq-5\frac{443}{594}$ $r\leq3\frac{11}{18}$

171) $\frac{5}{4}-\frac{11}{10}x\geq1\frac{123}{140}$ $x\leq-\frac{4}{7}$

172) $2\frac{29}{30}\geq-5n-\frac{6}{5}$ $n\geq-\frac{5}{6}$

173) $41\frac{1}{2} \geq 1 + 9b$ $b \leq 4\frac{1}{2}$

174) $-7\frac{47}{84} < 4\frac{5}{6}v - 1$ $v > -1\frac{5}{14}$

175) $\frac{2}{5} - 2\frac{1}{4}n < -4\frac{1}{10}$ $n > 2$

176) $-2\frac{23}{24} > \frac{5}{8}x - 1\frac{1}{2}$ $x < -2\frac{1}{3}$

177) $\frac{14}{11}v + 4\frac{5}{8} \geq 20\frac{347}{440}$ $v \geq 12\frac{7}{10}$

178) $\frac{5}{4} + 2\frac{1}{2}a > 23\frac{43}{84}$ $a > 8\frac{19}{21}$

179) $4\frac{2}{11}x + 5\frac{1}{2} \geq 11\frac{3}{242}$ $x \geq 1\frac{7}{22}$

180) $13\frac{35}{36} < 2\frac{1}{12}x - 3\frac{1}{9}$ $x > 8\frac{1}{5}$

181) $-2\frac{31}{34} \geq -n - 1\frac{1}{2}$ $n \geq 1\frac{7}{17}$

182) $-\frac{39}{44} \geq \frac{19}{11}k + 4\frac{7}{12}$ $k \leq -3\frac{1}{6}$

183) $5\frac{17}{38} \geq 5\frac{1}{2} - \frac{1}{5}p$ $p \geq \frac{5}{19}$

184) $2\frac{1}{12} + \frac{5}{3}x \leq -7\frac{11}{12}$ $x \leq -6$

185) $-2\frac{53}{198} > -1\frac{11}{12}m - 3\frac{6}{11}$ $m > -\frac{2}{3}$

186) $\frac{5}{4} + 2r > 7\frac{1}{2}$ $r > 3\frac{1}{8}$

187) $22\frac{139}{156} < 6\frac{1}{3} + 5\frac{1}{4}n$ $n > 3\frac{2}{13}$

188) $3\frac{2}{3} > \frac{10}{9}x + 2$ $x < 1\frac{1}{2}$

189) $-1\frac{5}{8}n + 3\frac{4}{5} < -4\frac{13}{80}$ $n > 4\frac{9}{10}$

190) $-1\frac{2}{33} < -\frac{1}{2}b + \frac{5}{12}$ $b < 2\frac{21}{22}$

191) $\frac{3}{10} - 6v \geq 4\frac{4}{5}$ $v \leq -\frac{3}{4}$

192) $\frac{4}{3} + 3\frac{7}{10}x < -6\frac{239}{255}$ $x < -2\frac{4}{17}$

193) $30 \leq 6 - 12k$ $k \leq -2$

194) $15\frac{7}{60} < 6\frac{1}{2}n + 3\frac{1}{5}$ $n > 1\frac{5}{6}$

195) $-\frac{13}{12} - \frac{11}{12}a < \frac{151}{216}$ $a > -1\frac{17}{18}$

196) $\frac{2}{9}p + 2\frac{1}{3} < 2\frac{47}{117}$ $p < \frac{4}{13}$

197) $8 < 2r + 12$ $r > -2$

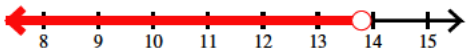
198) $11\frac{13}{20} \leq -2\frac{1}{10} + 2\frac{1}{2}x$ $x \geq 5\frac{1}{2}$

199) $4\frac{2}{3} - \frac{12}{7}n < 7\frac{5}{21}$ $n > -1\frac{1}{2}$

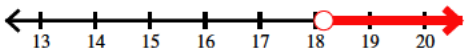
200) $15\frac{17}{25} \leq 3\frac{1}{5} + 6\frac{2}{5}m$ $m \geq 1\frac{19}{20}$

Solve each inequality and graph its solution.

201) $-\frac{2}{5} - \frac{1}{2}x > -7\frac{3}{10}$



202) $5\frac{1}{10}n + \frac{2}{3} > 93\frac{19}{60}$



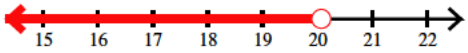
203) $-x + 4\frac{11}{15} \leq -20\frac{4}{15}$

204) $-\frac{12}{17} + 9\frac{6}{7}b > -8\frac{3074}{4403}$

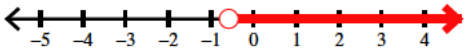
205) $-3\frac{427}{528} < -3\frac{11}{16} - 1\frac{1}{3}n$

206) $\frac{12}{7}v + 5\frac{3}{14} \leq 10\frac{313}{406}$

207) $-\frac{1}{2} - \frac{9}{5}a > -36\frac{22}{35}$

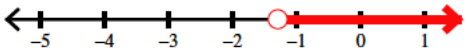


208) $-16x + 10\frac{14}{15} < 20\frac{56}{285}$

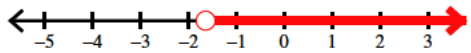


209) $8\frac{1555}{1881} \le 10\frac{6}{11}x + \frac{17}{9}$

210) $-5\frac{19}{420} < 5\frac{7}{20}v + \frac{11}{6}$

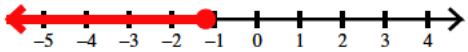


211) $5\frac{423}{560} > 5\frac{1}{7} - \frac{3}{8}n$

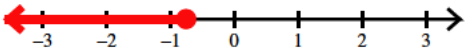


212) $-15\frac{353}{828} \le \frac{3}{4} - 2\frac{1}{18}k$

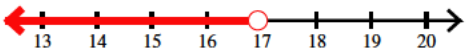
213) $-20\frac{8}{13}p + 5\frac{1}{6} \ge 29\frac{353}{390}$



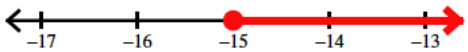
214) $-2\frac{3}{4}n - \frac{28}{17} \ge \frac{113}{272}$



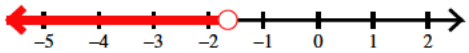
215) $38\frac{619}{765} > \frac{11}{6}x + 7\frac{13}{17}$



216) $-11\frac{4}{17} \le \frac{15}{17}m + 2$

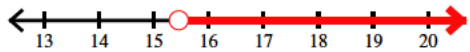


217) $-3\frac{5}{13} > -\frac{4}{3} + \frac{5}{4}r$

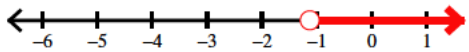


218) $-4\frac{431}{2128} \le 2\frac{8}{19}x - 1\frac{6}{7}$

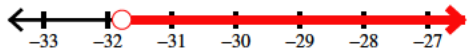
219) $17\frac{67}{240} < 9\frac{11}{20} + \frac{1}{2}n$



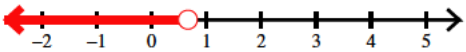
220) $2\frac{281}{680} < 4\frac{1}{5} + \frac{27}{17}b$



221) $\frac{3}{11}n + \frac{8}{9} > -7\frac{3077}{3960}$



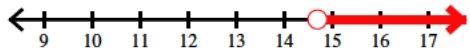
222) $13\frac{89}{126} > 5\frac{9}{14}x + 9\frac{17}{18}$



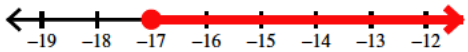
223) $3\frac{367}{660} \le 6\frac{1}{12} - \frac{3}{5}a$

224) $-\frac{9}{7}v - \frac{19}{13} > -5\frac{1312}{1547}$

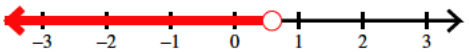
225) $41\frac{9}{100} < \frac{7}{5} + 2\frac{7}{10}n$



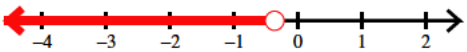
226) $-74\frac{1}{14} \le -\frac{17}{14} + 4\frac{2}{7}p$



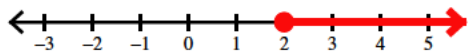
227) $-\frac{8}{9} + \frac{1}{5}x < -\frac{118}{153}$



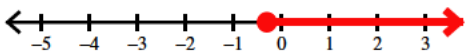
228) $-2\frac{10}{11} + 5\frac{3}{10}k < -4\frac{46}{55}$



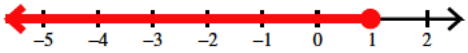
229) $1 \le -\frac{9}{8} + \frac{17}{16}r$



230) $4\frac{1}{17} \ge -\frac{33}{17} - 20m$



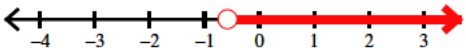
231) $4\frac{59}{234} \geq 3\frac{12}{13}n + \frac{4}{9}$



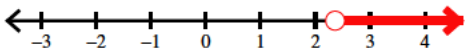
232) $-\frac{17}{9}x - \frac{19}{11} \geq -18\frac{59}{66}$

233) $9\frac{323}{780} \leq 6\frac{7}{12} + 3\frac{1}{5}b$

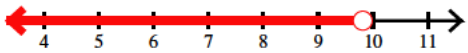
234) $-3\frac{9}{20} + 2\frac{6}{11}v > -4\frac{351}{380}$



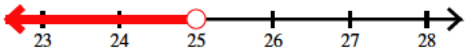
235) $\frac{2}{19} + 1\frac{3}{10}n > 3\frac{186}{1045}$



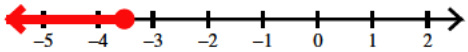
236) $12\frac{21}{44} > \frac{3}{2}x - 2\frac{1}{4}$



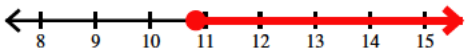
237) $33\frac{8}{13} > -1 + \frac{18}{13}a$



238) $5\frac{13}{20}x - 2 \leq -21\frac{95}{108}$

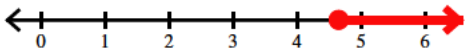


239) $102\frac{1019}{1960} \leq -1\frac{1}{8} + 9\frac{4}{7}k$

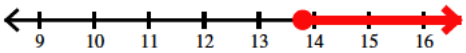


240) $-1\frac{7}{12} - \frac{2}{3}x \geq -2\frac{3}{4}$

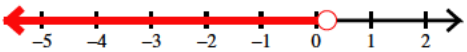
241) $9\frac{4}{17} + 9n \geq 51\frac{29}{340}$



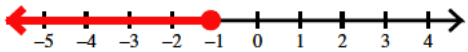
242) $4\frac{13}{16} + 4\frac{11}{20}p \geq 67\frac{241}{400}$



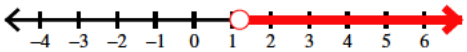
243) $-\frac{11}{13} + 6\frac{7}{10}x < \frac{321}{650}$



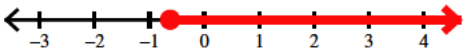
244) $8\frac{349}{720} \geq 10\frac{1}{5} + \frac{19}{12}k$



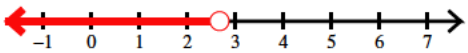
245) $-17 - 1\frac{7}{9}n < -19\frac{10}{81}$



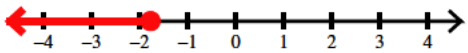
246) $\frac{7}{6}r + \frac{5}{8} \geq -\frac{7}{72}$



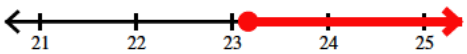
247) $1\frac{5}{154} > \frac{6}{11}m - \frac{3}{7}$



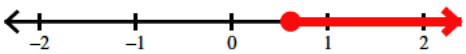
248) $10\frac{7}{15}x + \frac{8}{11} \leq -17\frac{2474}{3465}$



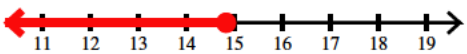
249) $-27\frac{11}{70} \geq -\frac{6}{5}b + \frac{9}{14}$



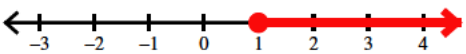
250) $10\frac{219}{442} \leq 4\frac{13}{17} + 9\frac{5}{16}n$



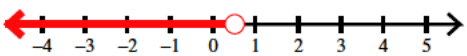
251) $21\frac{47}{72} \geq \frac{4}{3}v + \frac{15}{8}$



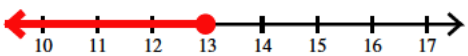
252) $-\frac{3}{2} + 7\frac{7}{9}a \geq 6\frac{5}{18}$



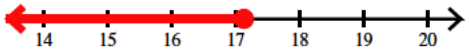
253) $\frac{7}{4}x + \frac{5}{8} < 1\frac{155}{296}$



254) $-121\frac{5}{6} \leq -10x + 7\frac{5}{6}$

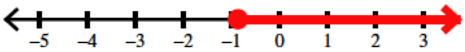


255) $-31\frac{107}{132} \leq -3\frac{1}{4} - \frac{5}{3}k$

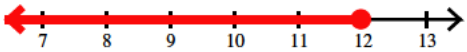


256) $10\frac{13}{14} \geq -1\frac{1}{14} + 10p$

257) $10\frac{34}{665} \leq \frac{4}{5}x + 10\frac{14}{19}$

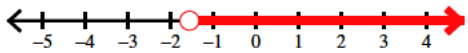


258) $16\frac{35}{76} \geq \frac{3}{2}n - 1\frac{1}{2}$

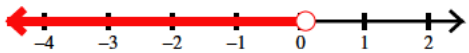


259) $-\frac{1}{15}m + 6\frac{1}{13} \leq 6\frac{103}{585}$

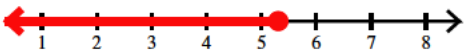
260) $-18\frac{288}{403} < -18 + \frac{6}{13}r$



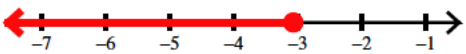
261) $6\frac{7}{8} - 2\frac{5}{12}x > 6\frac{367}{552}$



262) $-\frac{7}{10}b + 2\frac{1}{4} \geq -1\frac{15}{32}$

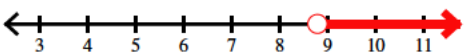


263) $10\frac{1}{225} \leq -2\frac{9}{10}n + \frac{10}{9}$

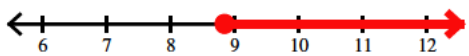


264) $\frac{3}{20} + 10\frac{5}{8}v > -5\frac{13}{80}$

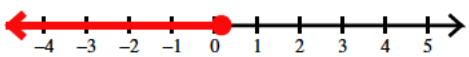
265) $-6\frac{1627}{1872} > -3\frac{15}{16} - \frac{1}{3}x$



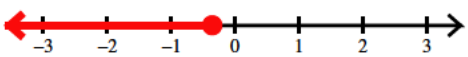
266) $7\frac{5}{6} - \frac{2}{5}a \leq 4\frac{71}{240}$



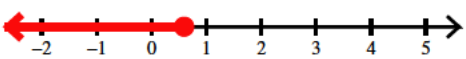
267) $-1\frac{2}{3}k + 2\frac{1}{10} \geq 1\frac{37}{45}$



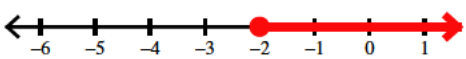
268) $-\frac{27}{16} - \frac{1}{2}x \geq -1\frac{139}{272}$



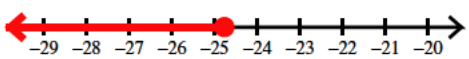
269) $-\frac{5}{3}n + 9\frac{6}{17} \geq 8\frac{6}{17}$



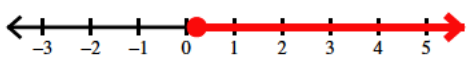
270) $6\frac{9}{10}k - \frac{1}{4} \geq -14\frac{1}{20}$



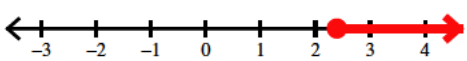
271) $-238\frac{71}{170} \geq 9\frac{7}{10}x + \frac{9}{5}$



272) $-\frac{185}{432} \leq 3\frac{5}{12}n - \frac{19}{16}$

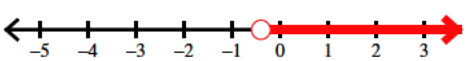


273) $2\frac{89}{99} \leq 2p - \frac{17}{9}$

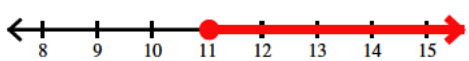


274) $\frac{5}{3}x + \frac{2}{3} \geq 33\frac{49}{99}$

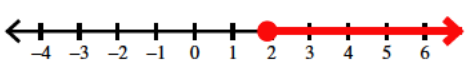
275) $-\frac{4}{5}m + \frac{9}{20} < \frac{137}{180}$



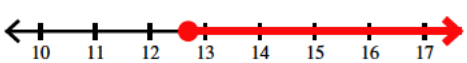
276) $52\frac{7}{26} \leq 10\frac{7}{8} + 3\frac{3}{4}n$



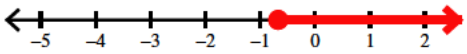
277) $-2\frac{723}{850} \geq -2\frac{8}{17} - \frac{1}{5}r$



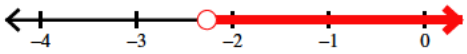
278) $-25\frac{13}{45} \geq \frac{1}{9} - 2x$



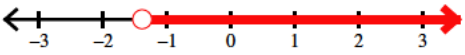
279) $-\frac{3}{20}n + 8\frac{13}{19} \le 8\frac{149}{190}$



280) $5\frac{207}{884} > \frac{7}{4} - 1\frac{7}{13}b$

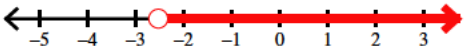


281) $-1\frac{1937}{4284} < 1\frac{13}{18}v + \frac{13}{14}$



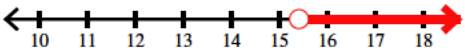
282) $3\frac{23}{56} > 6\frac{7}{8}x + 10\frac{2}{7}$

283) $-19\frac{22}{27} < -2\frac{1}{2} + 6\frac{7}{8}x$

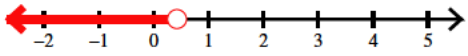


284) $\frac{4}{3} - \frac{7}{5}a \ge -8\frac{28}{33}$

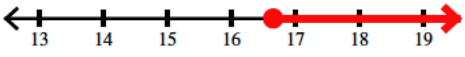
285) $3\frac{1}{10} + 1\frac{1}{2}k > 26\frac{9}{40}$



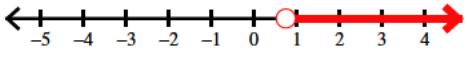
286) $-1\frac{1}{2}n - \frac{13}{17} > -1\frac{97}{238}$



287) $\frac{2}{7}x - 1 \ge 3\frac{186}{245}$

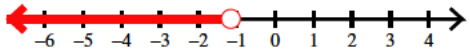


288) $1\frac{33}{80} > \frac{8}{5} - \frac{1}{4}p$

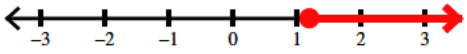


289) $-18\frac{81}{140} > -\frac{26}{15} - \frac{5}{3}m$

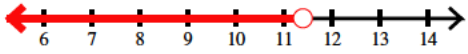
290) $-\frac{101}{120} > \frac{7}{6}r + \frac{1}{2}$



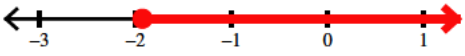
291) $1\frac{2}{15} - 3\frac{3}{7}b \le -2\frac{103}{105}$



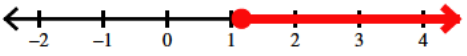
292) $-2\frac{15}{16}n - \frac{7}{15} > -33\frac{229}{240}$



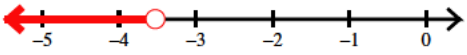
293) $\frac{11}{7} - 1\frac{4}{17}x \le 3\frac{1465}{1547}$



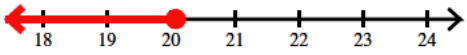
294) $\frac{2}{5}x + \frac{1}{2} \ge \frac{281}{290}$



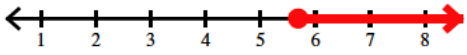
295) $\frac{2}{11}a + 6\frac{7}{18} < 5\frac{1037}{1386}$



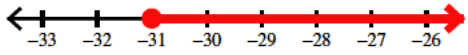
296) $20\frac{1054}{9139} \ge \frac{30}{19} + \frac{12}{13}v$



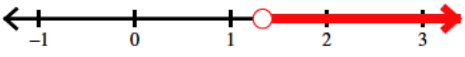
297) $3n - 5 \ge 12\frac{2}{29}$



298) $-46\frac{1}{3} \le \frac{4}{3}k - 5$

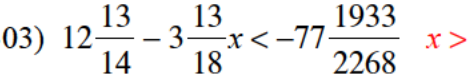


299) $-\frac{1}{3} + 7\frac{7}{18}x > 9\frac{14}{27}$

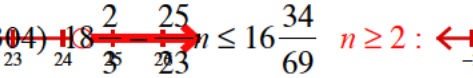


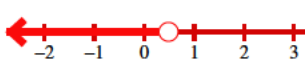
300) $4\frac{10}{11} + \frac{4}{7}x \ge 3\frac{23}{231}$

301) $8\frac{3199}{9504} \ge 9\frac{13}{27} - \frac{31}{22}m$ $m \ge \frac{13}{16}$:



302) $9\frac{1601}{3920} > \frac{13}{16} + 17\frac{11}{20}p$ $p < \frac{24}{49}$:





303) $12\frac{13}{14} - 3\frac{13}{18}x < -77\frac{1933}{2268}$ $x > 24\frac{7}{18}$:

304) $18\frac{2}{3} - \frac{25}{23}n \le 16\frac{34}{69}$ $n \ge 2$:

305) $-3\frac{6019}{11060} \le -\frac{9}{7}n + \frac{17}{20}$ $n \le 3\frac{33}{79}$:

306) $1\frac{6913}{11256} \le -\frac{16}{21}m - \frac{7}{8}$ $m \le \frac{65}{67}$:

307) $-\frac{15}{13} + 20\frac{2}{19}r \le -9\frac{1572}{13091}$ $r \le -\frac{21}{53}$:

308) $3\frac{577}{2016} > \frac{2}{3}x - \frac{31}{32}$ $x < -3\frac{10}{21}$:

309) $1\frac{7}{12}b + 2\frac{26}{27} > \frac{4765}{7668}$ $b > -1\frac{34}{71}$:

310) $-1\frac{50}{483} \le -\frac{40}{23}n + \frac{38}{21}$ $n \le 77$:

311) $-\frac{11}{7}v - 1\frac{22}{25} \le -51\frac{1906}{6825}$ $v \ge 31\frac{17}{39}$:

312) $1\frac{35}{x} \ge 57\frac{1}{3}$ $x \ge 1\frac{2}{3}$:

313) $-1\frac{29}{30} + 10\frac{13}{14}a \le 328\frac{15413}{15540}$ $a \le 30\frac{21}{74}$:

314) $1\frac{47}{112} > \frac{23}{14} + \frac{3}{8}k$ $k < \frac{25}{42}$:

315) $12\frac{11}{28} + 12\frac{5}{19}p \ge 92\frac{4747}{14364}$ $p \ge 6\frac{14}{27}$:

316) $-61\frac{4337}{5040} \ge \frac{62}{35} - 2\frac{5}{6}x$ $x \ge 22\frac{11}{24}$:

317) $16\frac{7}{18} + 16\frac{35}{36}r \ge 25\frac{259}{372}$ $r \ge \frac{17}{31}$:

318) $5\frac{3}{4}x + 16\frac{19}{24} \le 26\frac{25}{312}$ $x \le 1\frac{8}{13}$:

319) $581\frac{5}{9} \ge 2 + 9\frac{1}{18}m$ $m \le 64$:

320) $-30\frac{7}{15} - n \le -30\frac{974}{1155}$ $n \ge \frac{29}{77}$:

321) $4\frac{9}{17} - \frac{32}{17}b \le -30\frac{261}{833}$ $b \ge 18\frac{25}{49}$:

322) $\frac{1}{2} + \frac{6}{7}v \le -12\frac{199}{238}$ $v \ge 15\frac{19}{34}$:

323) $5\frac{1129}{2480} \ge \frac{35}{31}n + 5\frac{3}{10}$ $n \le \frac{11}{80}$:

324) $\frac{11}{19}x + 13\frac{29}{35} < 21\frac{4931}{10640}$ $x < 13\frac{3}{16}$:

325) $\frac{3641}{12350} \le 1\frac{15}{26} + \frac{21}{25}x$ $x \ge -1\frac{10}{19}$:

326) $\frac{35}{18} + 4\frac{19}{28}a < 1\frac{9755}{13104}$ $a < \frac{41}{52}$:

327) $95\frac{41}{330} \ge -\frac{21}{11} + 6\frac{5}{6}n$ $n \le 14\frac{1}{5}$:

328) $742\frac{32969}{44030} \le 9\frac{18}{35} + 20\frac{29}{34}k$ $k \ge 35\frac{6}{37}$:

329) $14\frac{299}{616} \le 14\frac{3}{7} - \frac{5}{4}x$ $x \le -\frac{1}{22}$:

330) $\frac{9}{5}x - 2\frac{2}{35} \ge -75\frac{6}{7}$ $x \le 41$:

331) $13\frac{314}{825} < 12\frac{3}{5}n + 5\frac{2}{15}$ $n > \frac{36}{55}$:

332) $4\frac{97}{110} \le 2m + \frac{37}{22}$ $m \ge 1\frac{3}{5}$:

333) $\frac{1}{8} - \frac{1}{6}x > \frac{109}{584}$ $x < -\frac{27}{73}$:

334) $-29\frac{7}{11}p - 3\frac{16}{17} \ge 2222\frac{500}{2431}$ $p \le -75\frac{3}{26}$:

335) $126\frac{671}{5220} \le 10\frac{2}{9} + 10\frac{29}{30}n$ $n \ge 10\frac{33}{58}$:

336) $28\frac{1}{3} \le \frac{2}{3}m + 15\frac{1}{2}$ $m \ge 18\frac{39}{44}$:

337) $-1\frac{1}{5}r + \frac{19}{17} \le 1\frac{188}{2465}$ $r \ge \frac{1}{29}$:

338) $38\frac{13}{19} \ge -\frac{1}{3} + 1\frac{31}{33}x$ $x \le 20\frac{9}{76}$:

339) $17\frac{80}{279} > 18\frac{5}{18} + \frac{7}{9}n$ $n < -1\frac{17}{62}$:

340) $35\frac{1511}{4230} \le \frac{19}{30}b + 9\frac{4}{9}$ $b \ge 40\frac{43}{47}$:

341) $20\frac{2}{19}x - 1\frac{4}{15} > 344\frac{1813}{2280}$ $x > 17\frac{17}{80}$:

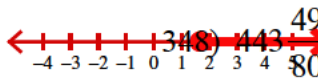
342) $18\frac{7}{22} + 2v \le 18\frac{17}{88}$ $v \le -\frac{1}{16}$:

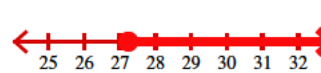
343) $6\frac{15}{32} - \frac{47}{33}x > -3\frac{10321}{68640}$ $x < 6\frac{49}{65}$:

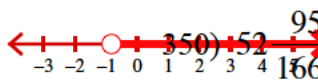
344) $\frac{29}{36}a \ge 1\frac{277}{360}$ $a \ge 1\frac{7}{10}$:

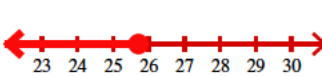
345) $13\frac{4}{29}k + \frac{17}{27} > 521\frac{4561}{14877}$ $k > 39\frac{12}{19}$:

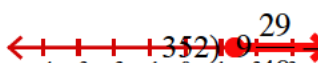
346) $10\frac{17}{30}x < 13\frac{5323}{6290}$ $x < 1\frac{4}{17}$:

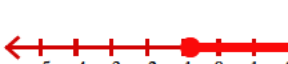
347) $-\frac{8546}{35775} \geq -\frac{26}{27}n + 1\frac{9}{25}$ $n \geq 1\frac{35}{53}$: 

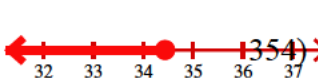
348) $\frac{443}{80} \leq \frac{4}{5} + 16\frac{1}{4}p$ $p \geq 27\frac{1}{4}$: 

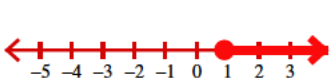
349) $-\frac{17}{15} - \frac{4}{33}m < -1\frac{62}{1815}$ $m > -\frac{9}{11}$: 

350) $\frac{52}{1666} \geq \frac{41}{21}r + \frac{63}{34}$ $r \leq 25\frac{5}{7}$: 

351) $-\frac{1}{5} + 20\frac{19}{26}n \geq 28\frac{3943}{7410}$ $n \geq 1\frac{22}{57}$: 

352) $9\frac{29}{40} \leq \frac{5}{29}x \leq 9\frac{70911}{82360}$ $x \geq -\frac{56}{71}$: 

353) $\frac{25}{16}b + 2 \leq 55\frac{13}{16}$ $b \leq 34\frac{11}{25}$: 

354) $1\frac{201}{880} \leq \frac{1}{22}v + \frac{19}{16}$ $v \geq \frac{9}{10}$: 

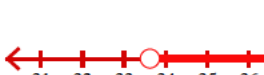
355) $43\frac{5792}{8325} < 1\frac{1}{3}x + 4\frac{19}{37}$ $x > 29\frac{29}{75}$: 

356) $8\frac{1589}{1870} < 4\frac{14}{33} - 3\frac{10}{17}n$ $n < -1\frac{7}{30}$: 

357) $\frac{109}{252} > 5\frac{13}{36} - 6a$ $a > \frac{23}{28}$: 

358) $4\frac{393}{455} > 16x + \frac{41}{35}$ $x < \frac{3}{13}$: 

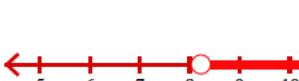
359) $109\frac{13}{21} > 12k - \frac{20}{21}$ $k < 9\frac{3}{14}$: 

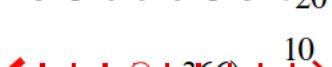
360) $\frac{7}{13} + 5\frac{3}{4}x > 192\frac{87}{104}$ $x > 33\frac{29}{46}$: 

361) $\frac{65}{84} > \frac{4}{7}n + \frac{2}{3}$ $n < \frac{3}{16}$:

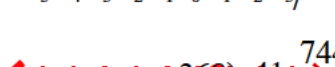
362) $14\frac{2}{17}m + 1 \leq 432\frac{241}{289}$ $m \leq 30\frac{10}{17}$:

363) $-17\frac{5}{6} \geq 10\frac{1}{3} + 18\frac{7}{9}p$ $p \leq -1\frac{1}{2}$: 

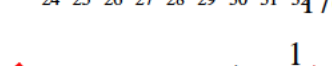
364) $12\frac{13}{20}n - 3 > 101\frac{16}{175}$ $n > 8\frac{8}{35}$: 

365) $2\frac{1}{2}b - 2\frac{11}{26} < -7\frac{5}{104}$ $b < -1\frac{17}{20}$: 

366) $\frac{10}{7}x + 12\frac{11}{21} > 14\frac{113}{147}$ $x < -1\frac{4}{7}$:

367) $10\frac{13}{28} - \frac{11}{17}r \geq -8\frac{1639}{2380}$ $r \leq 29\frac{3}{5}$: 

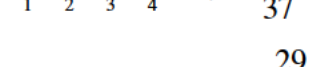
368) $\frac{7448}{17649} > 40\frac{4}{9} - \frac{71}{37}x$ $x > -\frac{27}{53}$:

369) $7\frac{3}{4} - \frac{7}{10}b > -19\frac{113}{460}$ $b < 38\frac{13}{23}$: 

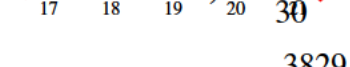
370) $-\frac{1}{2}n + 1 \leq -10\frac{5}{76}$ $n \geq 22\frac{5}{38}$:

371) $-\frac{7}{8} + \frac{53}{38}v < -\frac{7}{8}$ $v < 0$:

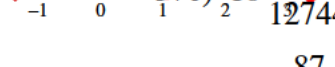
372) $-\frac{2}{37} + 14\frac{26}{33}x < 2\frac{41620}{50061}$ $x < \frac{8}{41}$:

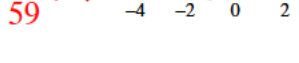
373) $9\frac{10}{23}x + \frac{4}{37} > 187\frac{1957}{6808}$ $x > 19\frac{47}{56}$: 

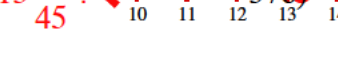
374) $38a \leq -109\frac{139}{270}$ $a \geq 3\frac{11}{27}$:

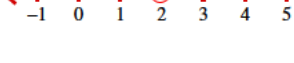
375) $22\frac{9639}{21460} < 19\frac{14}{29}k + \frac{33}{20}$ $k > 1\frac{5}{74}$: 

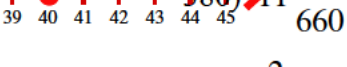
376) $18\frac{3829}{12744} \leq 2\frac{19}{27}p + 20\frac{23}{24}$ $p \geq -\frac{58}{59}$:

377) $-13\frac{73}{1260} \leq 5\frac{3}{14} - \frac{11}{8}x$ $x \leq 13\frac{13}{45}$: 

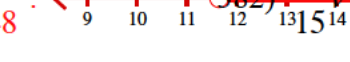
378) $50\frac{87}{110} > 6\frac{8}{33} - 29n$ $n > 1\frac{29}{30}$: 

379) $19\frac{511}{620} \leq \frac{1}{2}r - \frac{1}{5}$ $r \geq 40\frac{3}{62}$: 

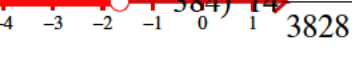
380) $11\frac{347}{660} \geq 2\frac{9}{20}m + 7\frac{1}{6}$ $m \leq 1\frac{60}{77}$: 

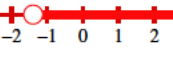
381) $14\frac{691}{6864} < \frac{17}{11}x - 3\frac{35}{39}$ $x > 11\frac{31}{48}$: 

382) $\frac{2}{15}v + 6\frac{35}{38} > 7\frac{2173}{3762}$ $v > 4\frac{61}{66}$: 

383) $-22\frac{37}{40} > \frac{22}{19}b - 21$ $b < -1\frac{53}{80}$: 

384) $\frac{1411}{3828} > -1\frac{5}{8}n + 12\frac{3}{29}$ $n > -1\frac{13}{33}$: 

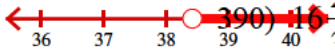
385) $-\frac{17}{19} + 10\frac{11}{12}n < -3\frac{569}{912}$ $n < -\frac{1}{4}$: 

386) $-21\frac{14}{19}x + 16\frac{7}{40} < -200\frac{13217}{38760}$ $x > 9\frac{49}{51}$: 

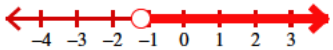
387) $-\frac{7}{15} < -\frac{16}{15} - \frac{1}{4}a$ $a < -2\frac{2}{5}$:

388) $\frac{12}{7}k - 1\frac{9}{32} > \frac{465}{736}$ $k < -1\frac{8}{69}$:

389) $-10\frac{11}{54} > 5\frac{1}{6} - \frac{2}{5}x$ $x > 38\frac{23}{54}$:



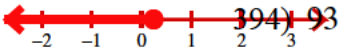
390) $16\frac{2}{3} + \frac{1}{3}x > 16\frac{4}{15}$ $x > -1\frac{1}{5}$:



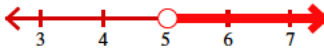
391) $\frac{7}{5}n - \frac{3}{8} \geq -2\frac{33}{40}$ $n \geq -1\frac{3}{4}$:

392) $4\frac{4}{7}m + 24\frac{3}{7} \leq 155\frac{2}{63}$ $m \leq 28\frac{41}{72}$:

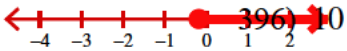
393) $\frac{25}{18} - \frac{2}{35}p \geq 1\frac{979}{2610}$ $p \leq \frac{7}{29}$:



394) $-93\frac{75}{104} < 18\frac{3}{4}x - \frac{3}{4}$ $x > 5\frac{1}{26}$:

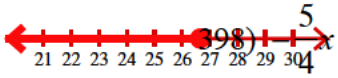


395) $1\frac{39}{209} \geq 1 - 1\frac{1}{38}n$ $n \geq -\frac{2}{11}$:



396) $10\frac{25}{31616} > \frac{12}{13} + \frac{11}{32}b$ $b < 26\frac{31}{76}$:

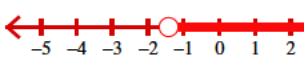
397) $22\frac{631}{6405} \geq 6\frac{13}{15} + \frac{4}{7}r$ $r \leq 26\frac{40}{61}$:



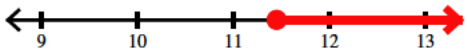
398) $-\frac{5}{4}x + 17\frac{3}{4} \geq 15\frac{89}{116}$ $x \leq 1\frac{17}{29}$:

399) $-\frac{19}{35} < -\frac{3}{4}n + 9\frac{19}{40}$ $n < 13\frac{5}{14}$:

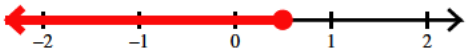
400) $\frac{8}{7} - \frac{40}{27}b < \frac{14296}{14931}$ $b > -1\frac{33}{79}$:



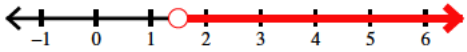
401) $20\frac{11}{24}v + 3\frac{15}{32} \geq 237\frac{1199}{1536}$



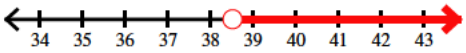
402) $\frac{23}{16} + 17\frac{1}{22}x \leq 9\frac{169}{176}$



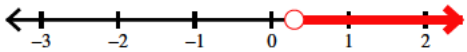
403) $12\frac{761}{1160} < \frac{23}{20}x + 10\frac{27}{29}$



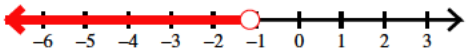
404) $32\frac{1025}{6552} < \frac{11}{14}p + 1\frac{23}{26}$



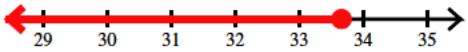
405) $4\frac{4729}{14070} < 15\frac{7}{24}k - \frac{8}{35}$



406) $10\frac{1}{10} + \frac{5}{19}x < 9\frac{1063}{1330}$

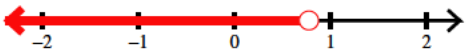


407) $20\frac{13}{72} \geq 8\frac{23}{24} + \frac{1}{3}a$

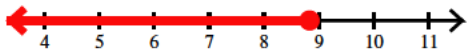


408) $19\frac{275}{468} > \frac{5}{12}r + 19\frac{25}{26}$

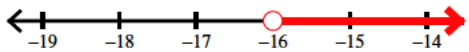
409) $-\frac{2}{3} - \frac{16}{15}m > -1\frac{67}{135}$



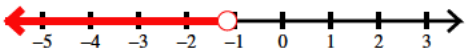
410) $239\frac{1}{6} \geq 27n + \frac{2}{3}$



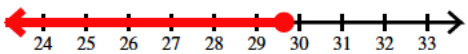
411) $-\frac{7}{24}n + 7\frac{34}{35} < 12\frac{67}{105}$



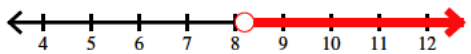
412) $-\frac{5}{3}v + 11\frac{3}{7} > 13\frac{1}{3}$



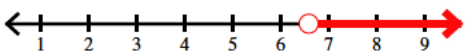
413) $50\frac{20}{57} \geq 13\frac{11}{38} + \frac{5}{4}b$



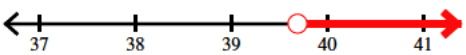
414) $118\frac{1096}{3255} < 18\frac{2}{31}x - 29\frac{33}{35}$



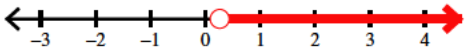
415) $-34x - \frac{11}{8} < -225\frac{113}{216}$



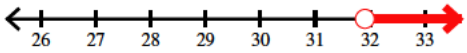
416) $-\frac{1}{11} + \frac{10}{31}n > 12\frac{3161}{4433}$



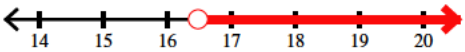
417) $5\frac{37}{75} > -1\frac{3}{4}a + 5\frac{24}{25}$



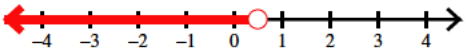
418) $6\frac{2}{3} + 4\frac{1}{6}k > 139\frac{17}{27}$



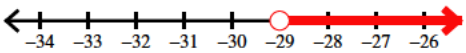
419) $9\frac{31910}{37851} < \frac{17}{33}x + \frac{50}{37}$



420) $4\frac{15}{74} > 4\frac{4}{37} + \frac{7}{37}x$

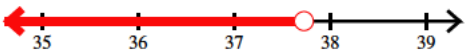


421) $-188\frac{113}{360} < 13\frac{3}{40} + 6\frac{17}{18}m$

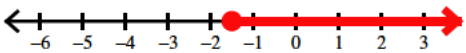


422) $-\frac{17}{11}p + \frac{12}{13} < 62\frac{106}{143}$

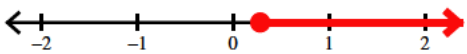
423) $368\frac{17911}{20790} > \frac{4}{11} + 9\frac{23}{30}n$



424) $-50\frac{19}{30} \le -\frac{17}{15} + 33x$

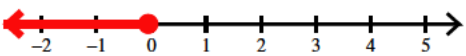


425) $25\frac{824}{1675} \le 15\frac{21}{25}n + 21$

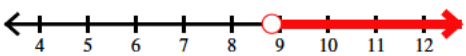


426) $2\frac{7}{18} - \frac{37}{21}b > -24\frac{1795}{3276}$

427) $8\frac{12}{29}r + 9\frac{1}{10} \le 8\frac{6923}{10730}$

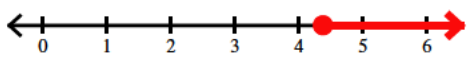


428) $-\frac{3}{10}x - \frac{13}{10} < -3\frac{19}{20}$

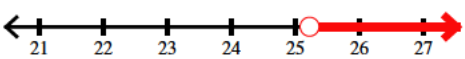


429) $21n + \frac{13}{17} \le 39\frac{13}{17}$

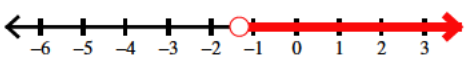
430) $70\frac{16561}{26125} \le 16\frac{9}{25}a - \frac{20}{19}$



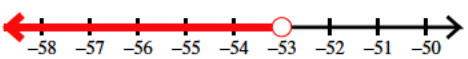
431) $1\frac{10}{33}v + \frac{73}{38} > 34\frac{19813}{25080}$



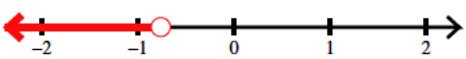
432) $\frac{7}{6} + 12\frac{10}{17}x > -15\frac{21}{34}$



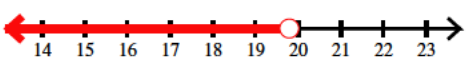
433) $-115\frac{29}{35} > 11\frac{13}{35} + 2\frac{2}{5}x$



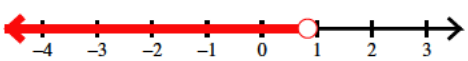
434) $-4\frac{1837}{7163} > -\frac{21}{19} + 4\frac{2}{13}a$



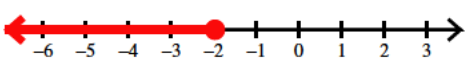
435) $13\frac{3}{7} + \frac{4}{13}k < 19\frac{40}{77}$



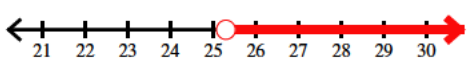
436) $8\frac{79}{80} > 7\frac{17}{40} + \frac{15}{8}p$



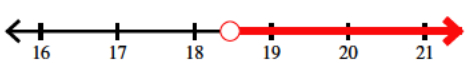
437) $-29\frac{1}{6} \ge \frac{15}{8} + 15\frac{5}{6}x$



438) $-39\frac{73}{465} > \frac{4}{3} - 1\frac{3}{5}n$

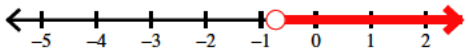


439) $-3\frac{13}{18} - \frac{9}{7}r < -27\frac{293}{630}$

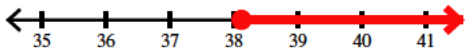


440) $\frac{953}{2160} \ge \frac{1}{9}m + \frac{7}{16}$

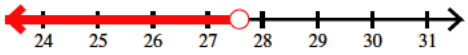
441) $-2\frac{21}{100} < -\frac{21}{20} + 1\frac{3}{5}x$



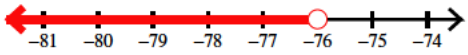
442) $-\frac{3}{4}n + 6\frac{5}{14} \le -22\frac{107}{455}$



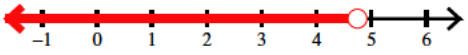
443) $-53\frac{179}{297} < -\frac{50}{33} - \frac{17}{9}b$



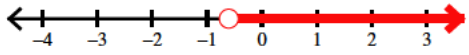
444) $8\frac{17}{21} + \frac{58}{31}v < -133\frac{250}{651}$



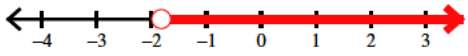
445) $58\frac{241}{252} > 12\frac{1}{7}x + \frac{23}{18}$



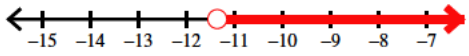
446) $1\frac{1367}{3264} < \frac{11}{16}n + \frac{11}{6}$



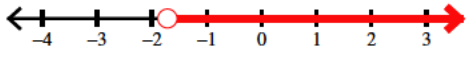
447) $-10\frac{36}{77} < 5\frac{19}{28}k - \frac{1}{7}$



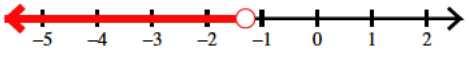
448) $-13\frac{13}{703} < 2a + 9\frac{13}{19}$



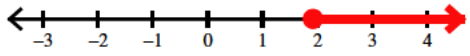
449) $23\frac{2029}{2457} < 24\frac{22}{27} + \frac{15}{26}x$



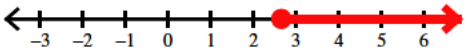
450) $6\frac{349}{435} > 20\frac{5}{6} + 10\frac{23}{29}n$



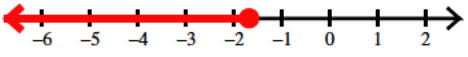
451) $4\frac{17}{50} \le 2m + \frac{1}{2}$



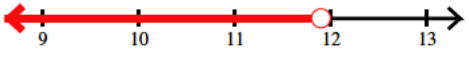
452) $-2\frac{1}{6}x - 1\frac{19}{40} \le -7\frac{689}{2840}$



453) $-2\frac{9}{22}x + 7\frac{6}{29} \ge 11\frac{2027}{7975}$

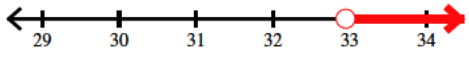


454) $2p - \frac{1}{9} < 23\frac{31}{45}$

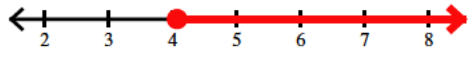


455) $1\frac{13}{14} \ge -33b + \frac{3}{4}$

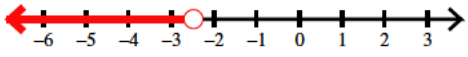
456) $651\frac{3605}{4902} < -\frac{35}{19} + 19\frac{5}{6}n$



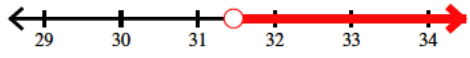
457) $3\frac{486}{2821} \le \frac{16}{13}r - \frac{57}{31}$



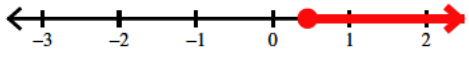
458) $-26\frac{1387}{15555} > \frac{4}{15} + 10\frac{11}{17}x$



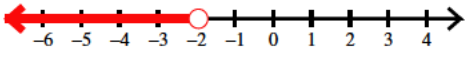
459) $11\frac{257}{672} < \frac{1}{3}a + \frac{25}{28}$



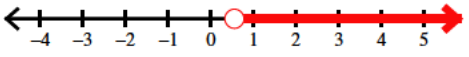
460) $-\frac{14}{11}n + 17\frac{25}{39} \le 17\frac{592}{9867}$



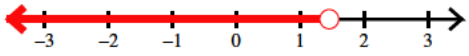
461) $-32\frac{457}{714} > 16\frac{9}{14}v - \frac{1}{3}$



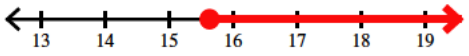
462) $-\frac{1}{2}x - \frac{25}{19} < -1\frac{283}{475}$



463) $10\frac{5}{98} > 7\frac{1}{7}a - \frac{5}{14}$



464) $\frac{18}{13} + 2\frac{10}{11}x \ge 46\frac{23}{26}$

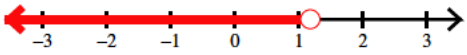


465) $17\frac{16}{35}k - 22 \le 561\frac{659}{700}$

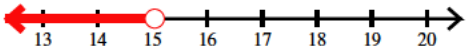
466) $-1\frac{214}{2345} \ge -\frac{1}{3}p - 1\frac{22}{35}$

467) $9\frac{4}{29} - \frac{34}{33}x > -30\frac{40129}{50721}$

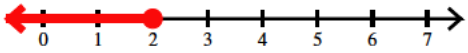
468) $4\frac{1904}{2109} > \frac{23}{37}n + 4\frac{1}{6}$



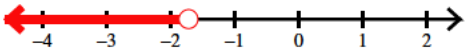
469) $-1 + \frac{29}{15}m < 28\frac{29}{345}$



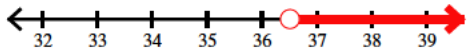
470) $34\frac{23}{33} \ge 25 + 4\frac{28}{33}r$



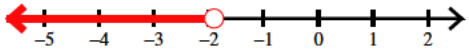
471) $-2 + 4\frac{2}{31}x < -8\frac{30}{31}$



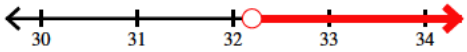
472) $34\frac{5493}{11726} < \frac{25}{33}n + 6\frac{21}{26}$



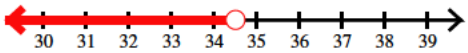
473) $4\frac{1583}{2720} > \frac{18}{17}b + 6\frac{19}{32}$



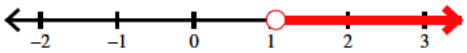
474) $5\frac{19}{30}v + 12\frac{27}{32} > 194\frac{4481}{17760}$



475) $-1307\frac{13}{90} < -38n + 4\frac{5}{18}$

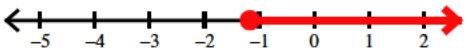


476) $\frac{2133}{2242} < -\frac{45}{38} + 2x$

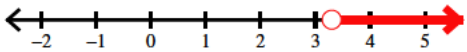


477) $10\frac{1}{3} + 16\frac{16}{33}a \ge 385\frac{292}{429}$

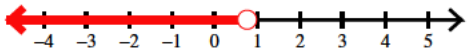
478) $-\frac{8}{23}k - \frac{3}{2} \le -1\frac{331}{3542}$



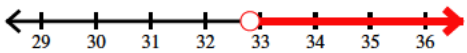
479) $50\frac{622}{837} < 10\frac{19}{31}p + 15\frac{19}{27}$



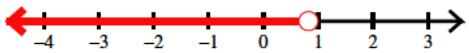
480) $14\frac{7595}{31968} > \frac{15}{37} + 17\frac{17}{18}x$



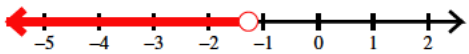
481) $1296\frac{43}{96} < 4 + 39\frac{7}{18}n$



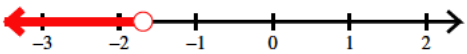
482) $-\frac{65}{38} - \frac{13}{7}m > -3\frac{1291}{5320}$



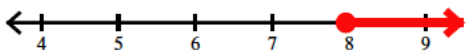
483) $7\frac{3}{4} + \frac{34}{19}p < 5\frac{395}{836}$



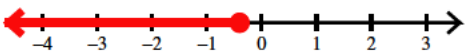
484) $-\frac{5}{7} - \frac{29}{15}n > 2\frac{1081}{1995}$



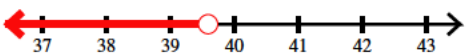
485) $\frac{4}{3} - 3\frac{19}{33}x \le -27\frac{223}{1683}$



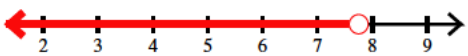
486) $-5\frac{2}{3} \ge \frac{1}{2} + 15\frac{5}{12}b$



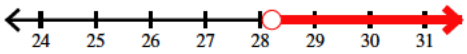
487) $326\frac{1436}{2849} > 8\frac{1}{7}x + 4\frac{1}{11}$



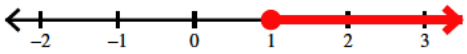
488) $12\frac{27}{32}r + 4\frac{1}{15} < 103\frac{7201}{11040}$



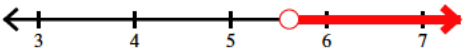
489) $49\frac{527}{2001} < -\frac{4}{3} + \frac{52}{29}n$



490) $12\frac{23}{42} \le 2\frac{1}{3}a + 10\frac{3}{14}$



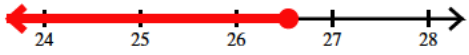
491) $-\frac{25}{37} + 3\frac{25}{32}x > 20\frac{13015}{24272}$



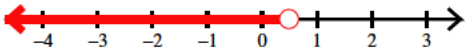
492) $261\frac{1481}{6048} \ge \frac{19}{14} + 12\frac{5}{12}v$

493) $15\frac{887}{2405} < 14\frac{13}{35}x - \frac{4}{37}$

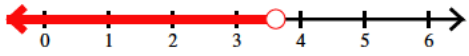
494) $-\frac{44}{37} + 37n \le 980\frac{404}{407}$



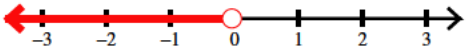
495) $16\frac{1357}{1482} < -\frac{16}{39}k + 17\frac{3}{26}$



496) $5\frac{333}{442} > \frac{14}{13} + \frac{22}{17}p$

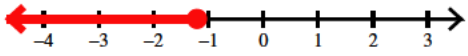


497) $13\frac{4399}{11832} < 13\frac{7}{24} - 2\frac{11}{34}x$

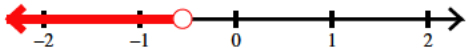


498) $6\frac{17}{36} + \frac{11}{10}x < 19\frac{11341}{14220}$

499) $8\frac{9}{20} \le -\frac{13}{8}n + 6\frac{1}{2}$



500) $-\frac{14}{13} + 18\frac{23}{28}n < -11\frac{4181}{8554}$



Solve each inequality.

501) $49\frac{3}{49} > \frac{3}{98}v + 49$ $v < 2$

502) $862\frac{1179}{2380} \le 16 + 46\frac{1}{17}a$ $a \ge 18\frac{53}{140}$

503) $34\frac{13}{23}x + 4\frac{33}{80} \ge 2010\frac{5533}{12880}$ $x \ge 58\frac{1}{28}$

504) $97\frac{452}{655} < 11\frac{2}{5} + 2k$ $k > 43\frac{19}{131}$

505) $14\frac{7}{27} < \frac{34}{81}n - 55$ $n > 165$

506) $-42\frac{8941}{29040} > -\frac{59}{33}x - \frac{7}{5}$ $x > 22\frac{155}{176}$

507) $146\frac{3235}{9352} > \frac{13}{7} + 5\frac{3}{80}x$ $x < 28\frac{114}{167}$

508) $4\frac{28}{99}n + \frac{9}{5} \ge 2\frac{1493}{3135}$ $n \ge \frac{3}{19}$

509) $-37\frac{46969}{57155} < 24\frac{3}{14}p - \frac{114}{71}$ $p > -1\frac{57}{115}$

510) $\frac{13}{77} + 22\frac{43}{49}r > 159\frac{172}{2695}$ $r > 6\frac{52}{55}$

511) $-35\frac{29}{318} \le 2x - 31\frac{1}{6}$ $x \ge -1\frac{51}{53}$

512) $66\frac{2767}{3612} \ge 25\frac{14}{43}m + 25\frac{53}{60}$ $m \le 1\frac{43}{70}$

513) $86\frac{549}{9106} \ge 47\frac{1}{2} + \frac{13}{29}n$ $n \le 86\frac{3}{157}$

514) $28 \le -\frac{3}{16} + 28\frac{3}{16}b$ $b \ge 1$

515) $130\frac{49}{559} \ge 12\frac{17}{43} - \frac{17}{13}x$ $x \ge -90$

516) $-v + \frac{3}{46} \le -193\frac{43}{46}$ $v \ge 194$

517) $2\frac{81}{464} \ge \frac{54}{29} - \frac{10}{11}n$ $n \ge -\frac{11}{32}$

518) $1011\frac{229207}{426758} < 22\frac{22}{79} + 16\frac{50}{73}a$ $a > 59\frac{43}{148}$

519) $35\frac{11}{94}k + \frac{50}{63} \le 288\frac{2111}{5544}$ $k \le 8\frac{25}{132}$

520) $13\frac{53}{57}p + 34\frac{21}{53} > 512\frac{529631}{552843}$ $p > 34\frac{65}{183}$

521) $-26\frac{2}{5} \geq -\frac{2}{5} + 26x$ $x \leq -1$

522) $-\frac{1}{10}n + \frac{7}{17} < \frac{1349}{3400}$ $n > \frac{3}{20}$

523) $\frac{58}{41} - \frac{2}{5}m \geq -\frac{648}{14555}$ $m \leq 3\frac{46}{71}$

524) $-3\frac{19}{46}r + 16\frac{49}{55} \leq 15\frac{69706}{155595}$ $r \geq \frac{52}{123}$

525) $-2\frac{3549}{59363} \geq -\frac{29}{23} + 11\frac{52}{89}x$ $x \leq -\frac{2}{29}$

526) $41\frac{5}{11} + 25\frac{1}{5}n \geq -1495\frac{41}{55}$ $n \geq -61$

527) $16\frac{28}{73} - \frac{17}{25}b \geq 17\frac{116}{1825}$ $b \leq -1$

528) $-57\frac{347}{6789} \leq -\frac{59}{73}r - \frac{7}{6}$ $r \leq 69\frac{9}{62}$

529) $28\frac{46}{51} - \frac{51}{47}a \geq 28\frac{121861}{357153}$ $a \leq \frac{77}{149}$

530) $\frac{38}{25}n - \frac{5}{31} < 86\frac{2276}{37975}$ $n < 56\frac{71}{98}$

531) $9\frac{63711}{172325} \geq 10\frac{2}{25} + 13\frac{23}{61}x$ $x \leq -\frac{6}{113}$

532) $34\frac{3}{95} + \frac{53}{30}v \geq 30\frac{33367}{38000}$ $v \geq -1\frac{157}{200}$

533) $17\frac{6577}{11440} > \frac{1}{11}x + 14\frac{59}{80}$ $x < 31\frac{11}{52}$

534) $-\frac{5}{12} + \frac{37}{76}x > -\frac{167}{228}$ $x > -\frac{24}{37}$

535) $-5463\frac{161}{792} \geq -65n + 3\frac{4}{9}$ $n \geq 84\frac{9}{88}$

536) $41\frac{9}{88}p + 31\frac{19}{78} \leq 3566\frac{67}{1716}$ $p \leq 86$

537) $-21\frac{6215}{35028} > 38\frac{31}{63}k + 43\frac{29}{84}$ $k < -1\frac{94}{139}$

538) $71\frac{58}{91}n + \frac{1}{4} \geq 8\frac{229}{1092}$ $n \geq \frac{1}{9}$

539) $\frac{79}{48} + 10\frac{14}{69}x \geq 923\frac{89479}{193200}$ $x \geq 90\frac{61}{175}$

540) $27\frac{10}{49}m - \frac{92}{75} \leq 2053\frac{157468}{290325}$ $m \leq 75\frac{42}{79}$

541) $-42\frac{377}{693} \leq -42 - \frac{29}{77}r$ $r \leq 1\frac{4}{9}$

542) $48\frac{63}{64}n - \frac{23}{21} \geq 86\frac{121699}{223104}$ $n \geq 1\frac{131}{166}$

543) $-\frac{12}{7}x + 22\frac{2}{7} > -82\frac{36}{133}$ $x < 60\frac{113}{114}$

544) $41\frac{127}{210} \leq -\frac{1}{7}b + 41\frac{11}{30}$ $b \leq -1\frac{2}{3}$

545) $-131\frac{1029}{1102} < \frac{25}{29}n + 16\frac{13}{38}$ $n > -172$

546) $-29v - \frac{39}{74} < -1958\frac{1}{37}$ $v > 67\frac{1}{2}$

547) $37\frac{80}{93}x - \frac{4}{9} \leq -6\frac{134}{2511}$ $x \leq -\frac{4}{27}$

548) $1\frac{43}{158} < -\frac{130}{79}a + 2$ $a < \frac{23}{52}$

549) $\frac{3}{28}k + 50\frac{1}{5} \leq 49\frac{1634}{1645}$ $k \leq -1\frac{131}{141}$

550) $1884\frac{37001}{130944} \leq 50\frac{5}{44} + 23\frac{13}{62}p$ $p \geq 79\frac{5}{192}$

551) $25\frac{715}{738} \geq -\frac{14}{9}x + 24\frac{1}{41}$ $x \geq -1\frac{1}{4}$

552) $-11\frac{667}{756} < -\frac{23}{54}n + 11\frac{1}{24}$ $n < 53\frac{23}{28}$

553) $27\frac{13}{94}m + \frac{27}{20} \geq -24\frac{1159}{1504}$ $m \geq -\frac{77}{80}$

554) $2\frac{29}{80}x + \frac{115}{88} \geq 4\frac{669}{2288}$ $x \geq 1\frac{24}{91}$

555) $3169\frac{5957}{35108} \geq 48\frac{1}{4}r + \frac{34}{67}$ $r \leq 65\frac{88}{131}$

556) $25\frac{7}{24}n + \frac{70}{41} > -29\frac{2573}{13694}$ $n > -1\frac{37}{167}$

557) $\frac{21}{13}v + \frac{118}{67} \leq -40\frac{16}{67}$ $v \leq -26$

558) $10\frac{16}{73}b + 10\frac{7}{10} \leq 364\frac{8409}{13870}$ $b \leq 34\frac{12}{19}$

559) $72\frac{1067}{1098} < -43x + 35\frac{11}{18}$ $x < -\frac{53}{61}$

560) $\frac{23}{21} + 26\frac{25}{68}n < 797\frac{128047}{151368}$ $n < 30\frac{23}{106}$

561) $-\frac{8}{11}v - \frac{65}{86} \leq 1\frac{4423}{4730}$ $v \geq -3\frac{7}{10}$

562) $1\frac{59491}{270040} > -\frac{73}{40}a - \frac{32}{43}$ $a > -1\frac{12}{157}$

563) $44\frac{16}{25}x + 14\frac{82}{91} \le -38\frac{72238}{138775}$ $x \le -1\frac{12}{61}$

564) $-231\frac{1441}{4500} > -\frac{11}{6} - 2\frac{69}{100}x$ $x > 85\frac{14}{45}$

565) $\frac{3}{2}p - \frac{29}{33} > 114\frac{53}{264}$ $p > 76\frac{95}{132}$

566) $20\frac{1451}{5661} \le 6\frac{11}{54}k + 16\frac{25}{34}$ $k \ge \frac{21}{37}$

567) $\frac{19}{90}n + 22\frac{11}{28} \le 37\frac{37081}{122220}$ $n \le 70\frac{61}{97}$

568) $23\frac{3}{41}x - \frac{9}{10} \le 22\frac{31913}{75030}$ $x \le 1\frac{2}{183}$

569) $\frac{1}{24}n + 29 > 30\frac{583}{864}$ $n > 40\frac{7}{36}$

570) $2\frac{91691}{202014} < -\frac{41}{27}m + \frac{163}{86}$ $m < -\frac{32}{87}$

571) $39\frac{17}{18}x - \frac{5}{4} < 710\frac{2681}{4428}$ $x < 17\frac{101}{123}$

572) $9\frac{27}{31} - \frac{69}{70}r \ge 11\frac{54923}{154070}$ $r \le -1\frac{36}{71}$

573) $-\frac{37}{39} + 39\frac{3}{55}n \ge 17\frac{28384}{62205}$ $n \ge \frac{41}{87}$

574) $29\frac{35}{97} + 31\frac{73}{96}b \le 113\frac{52303}{80704}$ $b \le 2\frac{17}{26}$

575) $\frac{49}{87} - 1\frac{5}{42}v > \frac{731}{13398}$ $v < \frac{5}{11}$

576) $26a + 32\frac{53}{79} \le -10\frac{12743}{13035}$ $a \le -1\frac{112}{165}$

577) $121\frac{1097}{95418} \ge 46\frac{1}{81} + \frac{17}{19}x$ $x \le 83\frac{51}{62}$

578) $1530\frac{4891}{104412} \le 20\frac{13}{66}n + \frac{157}{84}$ $n \ge 75\frac{75}{113}$

579) $-78\frac{4923}{6854} \ge -\frac{31}{46}k - 38\frac{6}{23}$ $k \ge 60\frac{5}{149}$

580) $\frac{35}{58}p - \frac{31}{32} \le -\frac{4243}{4640}$ $p \le \frac{9}{100}$

581) $-85 + 34\frac{3}{44}n \le -17\frac{1187}{2288}$ $n \le 1\frac{51}{52}$

582) $1641\frac{46}{265} < 35\frac{13}{24}x + 37\frac{31}{40}$ $x > 45\frac{6}{53}$

583) $795\frac{585328}{607569} < 34\frac{68}{93}r + \frac{89}{47}$ $r > 22\frac{120}{139}$

584) $\frac{116}{97} + 4\frac{17}{72}x < -\frac{60349}{666972}$ $x < -\frac{58}{191}$

585) $16\frac{61594}{75603} > 18\frac{41}{79} + 18\frac{65}{87}m$ $m < -\frac{1}{11}$

586) $42\frac{19}{84}n - \frac{5}{9} \le 3105\frac{3988}{11025}$ $n \le 73\frac{97}{175}$

587) $\frac{41}{43} - \frac{115}{59}b \ge 2\frac{830}{22833}$ $b \le -\frac{5}{9}$

588) $20\frac{4}{53} + 35\frac{11}{52}v > 3133\frac{92009}{108862}$ $v > 88\frac{34}{79}$

589) $-\frac{3}{88}n + 13\frac{29}{76} < 13\frac{1241}{3344}$ $n > \frac{35}{114}$

590) $\frac{35}{64} - \frac{11}{7}x \ge -128\frac{1643}{29120}$ $x \le 81\frac{109}{130}$

591) $-157\frac{123029}{608058} \le 34\frac{7}{99} + \frac{61}{37}a$ $a \ge -116\frac{3}{166}$

592) $-\frac{6}{37}k + 12\frac{63}{65} \le 13\frac{1598}{7215}$ $k \ge -1\frac{5}{9}$

593) $-2\frac{164}{1035} < \frac{1}{10} - \frac{11}{6}x$ $x < 1\frac{16}{69}$

594) $45\frac{11087}{18117} \ge 24\frac{23}{33} + 11\frac{32}{61}x$ $x \le 1\frac{22}{27}$

595) $4\frac{71}{81} + 16\frac{10}{39}n > 770\frac{6133}{36855}$ $n > 47\frac{8}{105}$

596) $51\frac{3340}{91377} > \frac{56}{33}k + 33\frac{24}{71}$ $k < 10\frac{67}{156}$

597) $248\frac{135}{164} \ge \frac{3}{41} - \frac{5}{4}p$ $p \ge -199$

598) $12x - \frac{17}{30} > 65\frac{209}{240}$ $x > 5\frac{103}{192}$

599) $1613\frac{179}{924} > 17\frac{37}{42}n - \frac{11}{8}$ $n < 90\frac{13}{44}$

600) $2\frac{107}{532} \le -\frac{2}{7} - \frac{36}{19}m$ $m \le -1\frac{5}{16}$