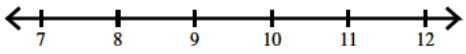
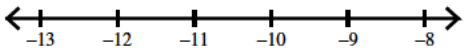
Two-step inequalities - integers

Solve an inequality:

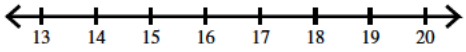
1) $10 \geq \frac{p}{3} + 7$



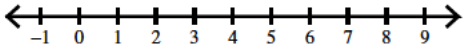
2) $\frac{1+m}{10} \geq -1$



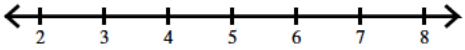
3) $7 + \frac{n}{2} < 16$



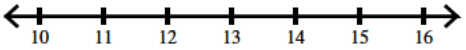
4) $8 \geq 7 + \frac{x}{4}$



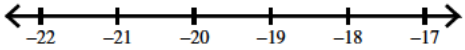
5) $58 < 8m + 10$



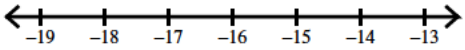
6) $9 - 5x \leq -61$



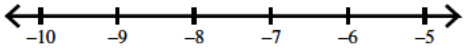
7) $90 > -5 - 5b$



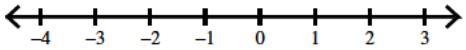
8) $-8 \leq \frac{r}{15} - 7$



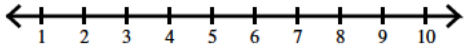
9) $-43 > 5n - 8$



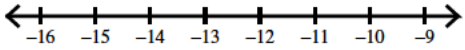
10) $\frac{-7+v}{2} < -4$



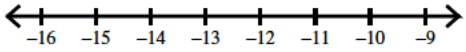
11) $0 < \frac{x-5}{1}$



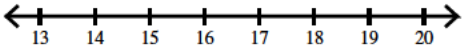
12) $-1 > \frac{x-3}{16}$



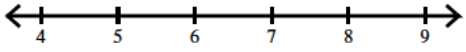
13) $-3 < \frac{a+2}{3}$



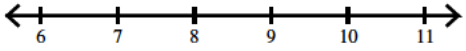
14) $-3 + \frac{k}{18} \leq -2$



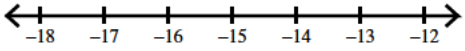
15) $61 \geq 9n + 7$



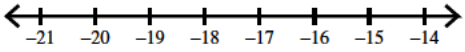
16) $\frac{p}{8} + 8 > 9$



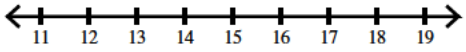
17) $-4 + \frac{x}{2} \leq -11$



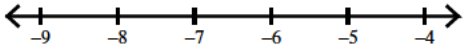
18) $-5n + 6 < 101$



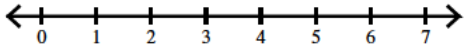
19) $-57 \geq -1 - 4r$



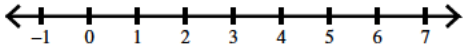
20) $3 > \frac{m}{6} + 4$



21) $\frac{6+x}{8} \geq 1$



22) $\frac{v+5}{9} \geq 1$



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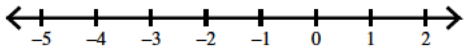
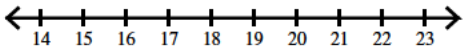
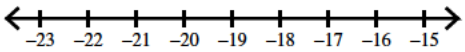
23) $\frac{10+x}{10} \le 1$



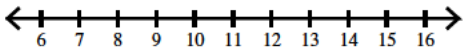
24) $8+\frac{a}{2} > 17$



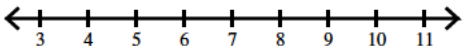
25) $-5 \le -3+\frac{n}{9}$



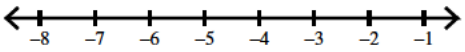
26) $2 < \frac{-7+b}{2}$



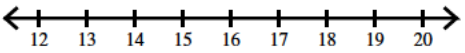
27) $-9+\frac{k}{6} > -8$



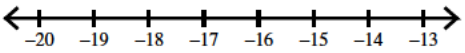
28) $-6+7n < -48$



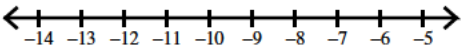
29) $140 \ge -10+10x$



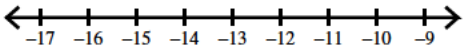
30) $-4m-3 < 69$



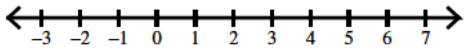
31) $32 \le -4-4x$



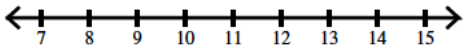
32) $-8 \ge \frac{x}{7} - 6$



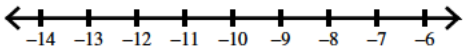
33) $1 \le \frac{7+p}{9}$



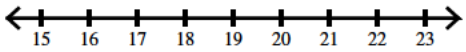
34) $\frac{n-7}{4} > 1$



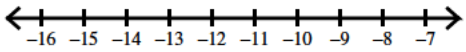
35) $-6 > \frac{b}{10} - 5$



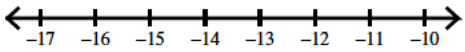
36) $6 > \frac{-7+r}{2}$



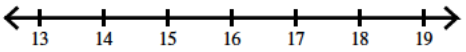
37) $7+\frac{x}{3} > 3$



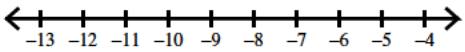
38) $5 \ge \frac{n}{14} + 6$



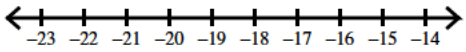
39) $-2x+9 \le -21$



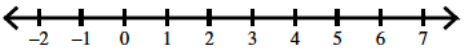
40) $-3 < \frac{v}{9} - 2$



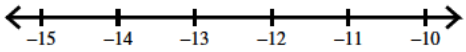
41) $8-3a > 62$



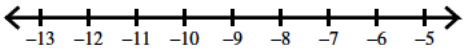
42) $28 \le 4+8x$



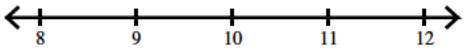
43) $\frac{-2+k}{15} > -1$



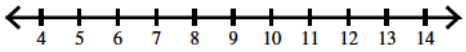
44) $-38 \ge 5p+7$



45) $-10+\frac{n}{2} \le -5$



46) $2 \ge \frac{-5+x}{2}$



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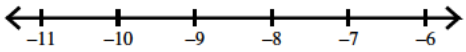
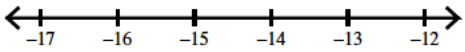
47) $\frac{m-5}{2} \leq -7$

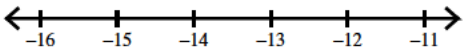


48) $\frac{r}{14} + 9 \geq 8$

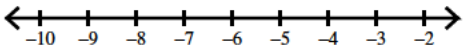


49) $-152 \leq -9n - 8$

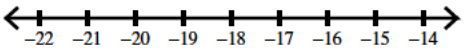
50) $\frac{x}{14} - 4 \leq -5$



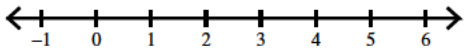
51) $-50 > -5 + 9b$



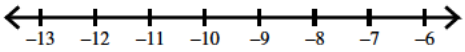
52) $-1 - 2v > 33$



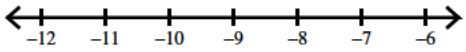
53) $\frac{x+9}{2} \geq 6$



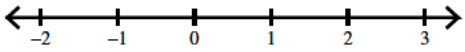
54) $16 \geq -2n - 2$



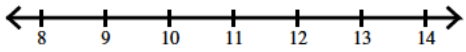
55) $\frac{k}{9} + 5 < 4$



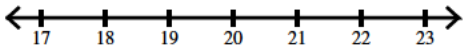
56) $4 \leq 4 + \frac{x}{1}$



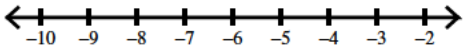
57) $1 \geq \frac{a-5}{6}$



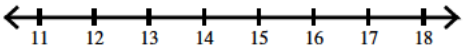
58) $\frac{x-5}{15} < 1$



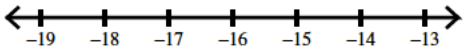
59) $-3 > 7 + 2p$



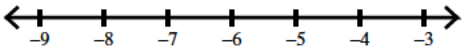
60) $10 - 9x \geq -134$



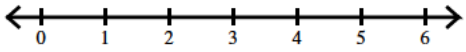
61) $-3 \geq \frac{m}{16} - 2$



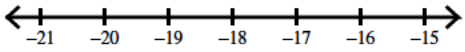
62) $-2 + \frac{n}{6} < -3$



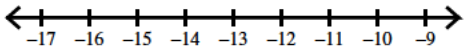
63) $10n + 6 \geq 46$



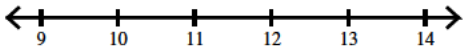
64) $27 < 10 - b$



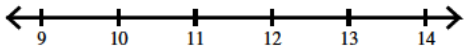
65) $-2 > \frac{-8+x}{11}$



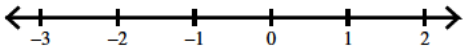
66) $3 < \frac{9+r}{7}$



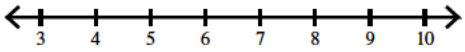
67) $\frac{n-4}{4} \leq 2$



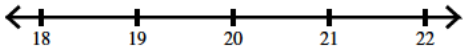
68) $6 > 6 + \frac{b}{1}$



69) $-2 > \frac{x}{2} - 6$



70) $\frac{v-4}{4} > 4$



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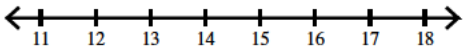
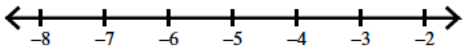
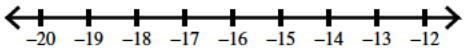
71) $-7+\frac{a}{2}\geq 1$



72) $7\geq\frac{x}{6}+8$

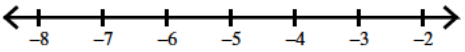


73) $-p+7>23$

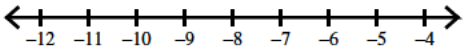


74) $-36\leq -10x+4$

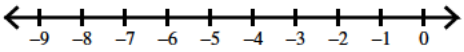
75) $3k-3<-15$



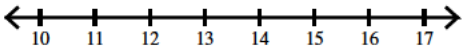
76) $-5-2n\leq 11$



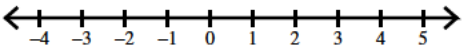
77) $0<\frac{r+4}{1}$



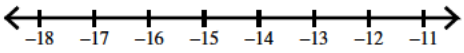
78) $1\leq\frac{10+m}{22}$



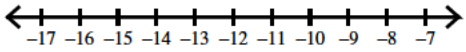
79) $7\geq 7+\frac{n}{1}$



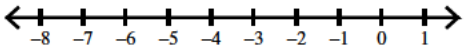
80) $-2\geq\frac{8+x}{3}$



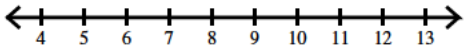
81) $-2\geq\frac{-4+b}{8}$



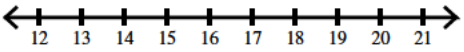
82) $4x+9<-7$



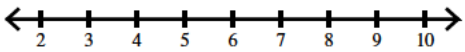
83) $\frac{v}{4}+5<7$



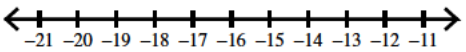
84) $-8\leq -9+\frac{n}{16}$



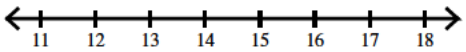
85) $8-9a\leq -37$



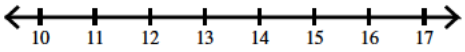
86) $169>-10k+9$



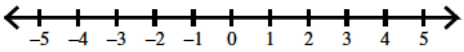
87) $-136>-6-10x$



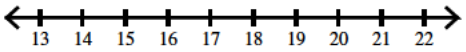
88) $\frac{-2+n}{5}\geq 2$



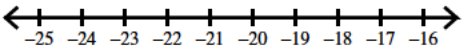
89) $\frac{m+8}{2}\geq 4$



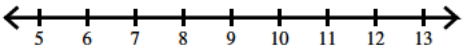
90) $3\geq\frac{x-2}{5}$



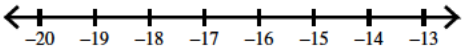
91) $-11<\frac{p-2}{2}$



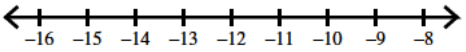
92) $\frac{x}{3}-4<-1$



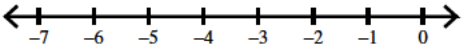
93) $\frac{b}{3}-4\leq -10$



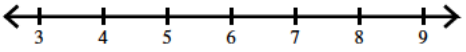
94) $-7\leq\frac{n}{2}-1$



95) $-2+5r>-22$



96) $-39>6-9n$



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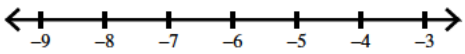
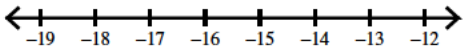
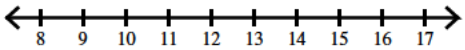
97) $-13 \geq 2a + 1$



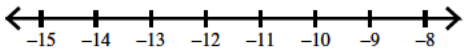
98) $\frac{x}{16} + 2 > 1$



99) $-9v + 5 \geq -112$



100) $\frac{x + 10}{1} \geq 0$



Solve each inequality.

101) $\frac{9 + v}{13} > 2$

102) $-2 > \frac{b - 4}{8}$

103) $\frac{x + 5}{7} \geq 2$

104) $\frac{n + 8}{4} < -1$

105) $-12 < -8 + \frac{a}{5}$

106) $1 + \frac{k}{8} \leq 2$

107) $-2 - x \leq 18$

108) $\frac{p}{3} - 11 \geq -4$

109) $113 \leq 8m + 9$

110) $6 + \frac{n}{-21} \geq 5$

111) $-4 - x > 12$

112) $\frac{p - 11}{-8} \geq 2$

113) $\frac{n + 12}{5} > 5$

114) $3 \geq \frac{7 + b}{4}$

115) $\frac{x}{2} + 1 < -11$

116) $2 + \frac{n}{2} \leq 4$

117) $-7 < \frac{r + 2}{2}$

118) $5 > 4 + \frac{a}{-4}$

119) $81 > 10x - 9$

120) $-50 > -3x + 1$

121) $3 \geq \frac{v}{8} + 6$

122) $-40 < -8 - 4p$

123) $12 + 6n \geq -60$

124) $\frac{-5 + x}{12} < 1$

125) $10 \geq \frac{12 + k}{2}$

126) $-11 + \frac{r}{-1} > -11$

127) $\frac{m - 6}{5} \leq 2$

128) $-3 < \frac{5 + n}{5}$

129) $2 + \frac{b}{-2} \leq -6$

130) $4 > 5 + \frac{x}{8}$

131) $2 \geq 7 + \frac{n}{-4}$

132) $-12v + 4 \geq -56$

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133) $-134 < 8x - 6$

134) $-82 < -10 + 3n$

135) $12k - 6 \leq -54$

136) $\frac{p+2}{3} \leq 5$

137) $1 \geq \frac{9+a}{6}$

138) $1 > 6 + \frac{x}{-4}$

139) $\frac{n}{4} + 4 \leq 3$

140) $2x - 4 < 14$

141) $-2 \geq \frac{r}{2} - 10$

142) $0 < -10n + 10$

143) $-14 > \frac{m}{6} - 12$

144) $-213 \leq 7 + 11b$

145) $11x - 2 > -2$

146) $\frac{v+5}{-9} < -2$

147) $-3 \geq \frac{-10+n}{6}$

148) $12 < \frac{a}{7} + 9$

149) $3 \leq \frac{r+6}{9}$

150) $\frac{n}{3} - 9 \geq -5$

151) $-15 > \frac{x}{4} - 11$

152) $16 \leq 12 + \frac{x}{-2}$

153) $18 \leq 4k + 2$

154) $-3 < -p - 6$

155) $-12 - 12x > 276$

156) $8n + 3 > 139$

157) $-11 - 8r \geq 85$

158) $0 \geq \frac{m+4}{-1}$

159) $4 < \frac{12+x}{7}$

160) $\frac{b+3}{-9} \leq 1$

161) $\frac{n}{9} + 12 < 13$

162) $-9 > -9 + \frac{n}{1}$

163) $-12 > -10 + \frac{v}{10}$

164) $-7 \geq -8 + \frac{x}{8}$

165) $2a + 5 > -11$

166) $-208 \geq -10k + 2$

167) $134 \geq -9 + 11p$

168) $6 + 6x < -42$

169) $\frac{10+r}{2} < 7$

170) $\frac{6+m}{2} \leq 13$

171) $5 \geq \frac{n+1}{-3}$

172) $-9 < -10 + \frac{b}{4}$

173) $-10 > \frac{n-6}{3}$

174) $-13 \leq \frac{x}{8} - 11$

175) $9v - 3 \geq -39$

176) $-111 < 8 - 7n$

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177) $-2 - 12a < -110$

178) $0 < 3 + \frac{x}{4}$

179) $9v - 6 \leq -114$

180) $\frac{-12 + n}{6} < -2$

181) $0 \leq \frac{x - 8}{1}$

182) $-4 \geq \frac{4 + x}{4}$

183) $\frac{8 + k}{12} \leq -1$

184) $\frac{x}{1} - 4 \geq -4$

185) $-108 < 7m + 4$

186) $6 > \frac{p}{3} - 1$

187) $\frac{n}{8} + 3 \geq 2$

188) $-9x + 11 \leq -34$

189) $5 \leq 6 + \frac{r}{-12}$

190) $-185 > -9 + 11n$

191) $-154 > 6b - 10$

192) $\frac{-9 + v}{1} < 0$

193) $\frac{x - 10}{-2} < 7$

194) $2 + \frac{k}{2} > 0$

195) $-1 \leq \frac{n + 10}{-34}$

196) $-3 \geq \frac{a - 3}{3}$

197) $\frac{p}{3} + 4 \geq 0$

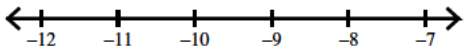
198) $-8 > -8 - 7m$

199) $3 + 5n > 43$

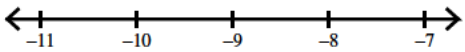
200) $16 < \frac{x}{-5} + 12$

Solve each inequality and graph its solution.

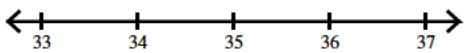
201) $3r + 4 > -23$



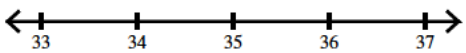
202) $-6 \geq \frac{x - 9}{3}$



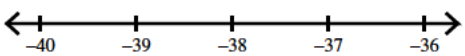
203) $3 < \frac{19 + n}{18}$



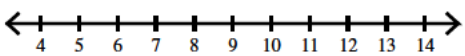
204) $\frac{b + 15}{2} < 25$



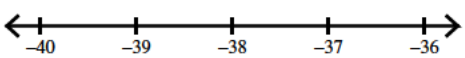
205) $-1 + \frac{n}{38} > -2$



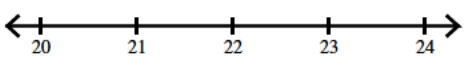
206) $\frac{-18 + v}{9} \geq -1$



207) $-12 \geq -10 + \frac{a}{19}$



208) $15 \geq \frac{x}{-11} + 17$



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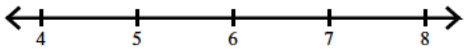
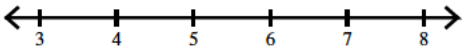
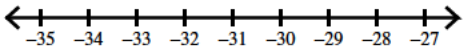
209) $12 + \frac{x}{2} \leq 15$



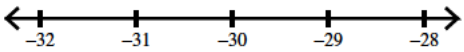
210) $-14x + 8 \geq -76$



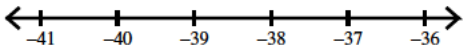
211) $-436 \geq -16 + 14k$



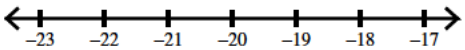
212) $4 > \frac{14 + n}{-4}$



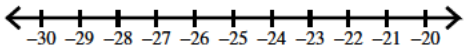
213) $-66 > 10 + 2v$



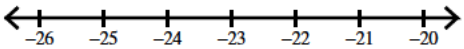
214) $\frac{p + 20}{-1} \geq 0$



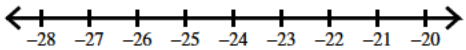
215) $-2 \leq \frac{17 + x}{4}$



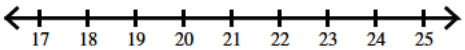
216) $-5 > \frac{8 + m}{3}$



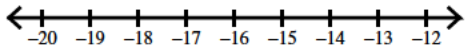
217) $-1 \leq \frac{13 + n}{10}$



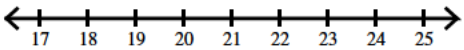
218) $\frac{r}{2} + 11 > 22$



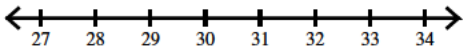
219) $-182 \leq -17 + 11b$



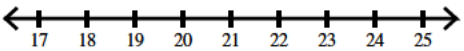
220) $\frac{x}{2} + 2 \geq 13$



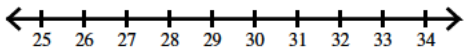
221) $-485 < 8 - 17x$



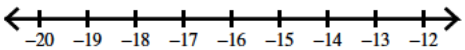
222) $-6 < -8 + \frac{n}{11}$



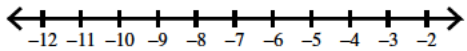
223) $7 \geq \frac{12 + n}{6}$



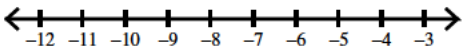
224) $15 + \frac{v}{3} \leq 10$



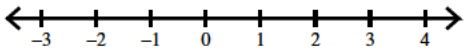
225) $-a + 15 \leq 22$



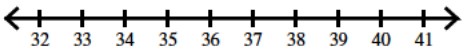
226) $\frac{k - 5}{-12} < 1$



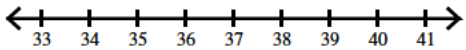
227) $18 \geq \frac{n}{1} + 18$



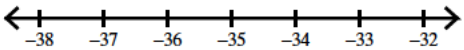
228) $-10 \leq \frac{-17 + p}{-2}$



229) $\frac{11 + x}{16} > 3$



230) $84 \leq 12 - 2n$



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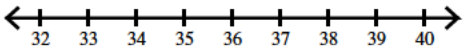
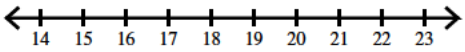
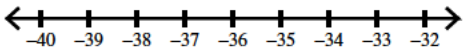
231) $-8 + \frac{r}{12} < -5$



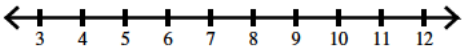
232) $\frac{m}{3} - 13 > -7$



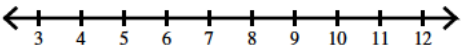
233) $\frac{x}{-3} - 14 \leq -2$



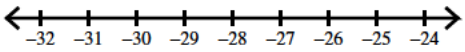
234) $-53 \leq -6b - 5$



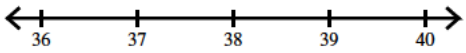
235) $-19v + 18 > -134$



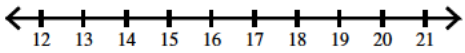
236) $-153 \geq 15 + 6n$



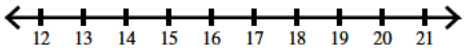
237) $-1 < \frac{-3 + x}{-35}$



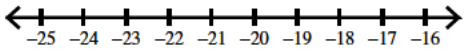
238) $3 \leq \frac{a - 7}{3}$



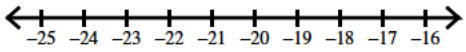
239) $3 + \frac{k}{-2} > -5$



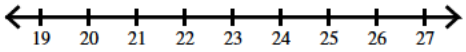
240) $\frac{9 + x}{-4} > 3$



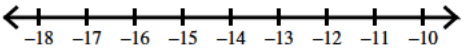
241) $16 \geq 17 + \frac{x}{21}$



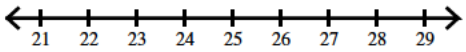
242) $8p - 2 > 190$



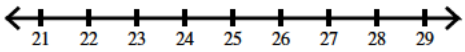
243) $4x - 19 > -71$



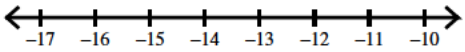
244) $11 < 7 + \frac{n}{6}$



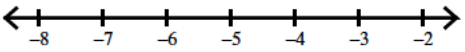
245) $\frac{k}{-2} - 2 \leq -14$



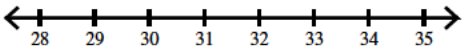
246) $100 \geq -4 - 8n$



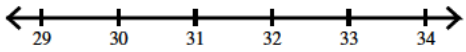
247) $16 + 4x < -4$



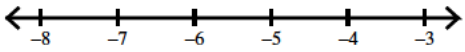
248) $659 \geq 19 + 20m$



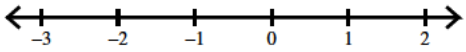
249) $3 < \frac{7 + r}{13}$



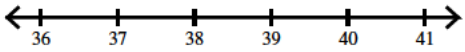
250) $\frac{n - 9}{2} > -7$



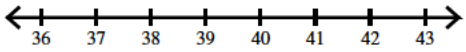
251) $\frac{x}{1} + 10 \leq 10$



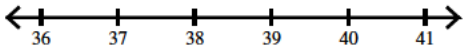
252) $0 > \frac{b}{13} - 3$



253) $\frac{x}{19} + 19 \geq 21$



254) $15 \geq \frac{6 + v}{3}$



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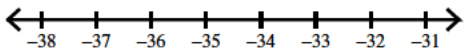
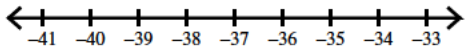
255) $-511 \geq -1 + 15k$

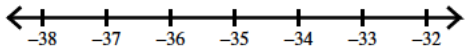


256) $3 + \frac{a}{2} \geq -16$

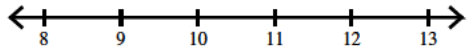


257) $-3 - 11x < -113$

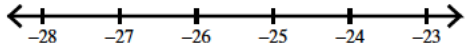
258) $-86 < 2p - 18$



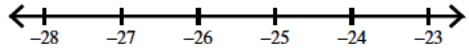
259) $20 + 18n \leq 218$



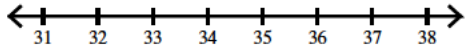
260) $\frac{1 + r}{5} > -5$



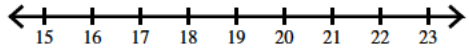
261) $4 \leq \frac{14 + m}{-3}$



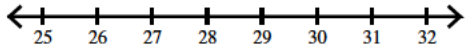
262) $11 \leq \frac{x + 19}{5}$



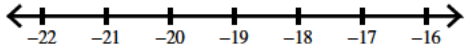
263) $\frac{n}{9} + 15 \geq 17$



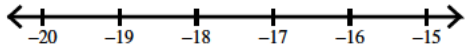
264) $\frac{b}{3} - 6 < 4$



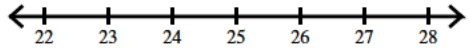
265) $219 < 3 - 12x$



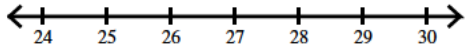
266) $13 + \frac{v}{6} \leq 10$



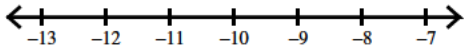
267) $402 < 16n - 14$



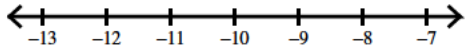
268) $12a - 15 \geq 297$



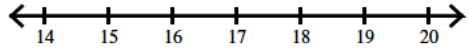
269) $-17k + 17 \geq 204$



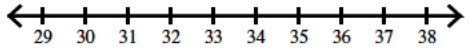
270) $-1 < \frac{x - 13}{24}$



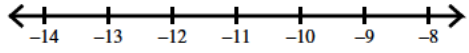
271) $18 > \frac{19 + x}{2}$



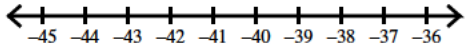
272) $\frac{12 + n}{-46} > -1$



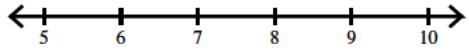
273) $7 \geq \frac{k}{2} + 12$



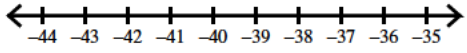
274) $\frac{x}{8} - 6 < -11$



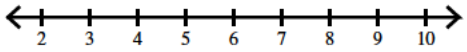
275) $-1 > \frac{8 + p}{-16}$



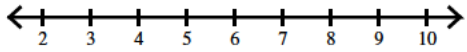
276) $-433 < 7 + 11n$



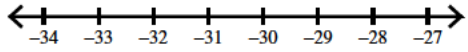
277) $-103 > -13 - 18x$



278) $4 - 14r \leq -66$



279) $-310 > 10n + 10$



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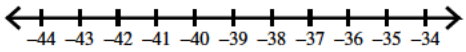
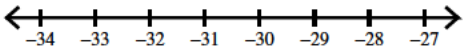
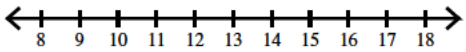
280) $13 \le 16 + \frac{m}{13}$



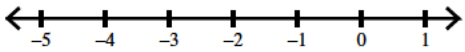
281) $-16 - 2b \ge 48$



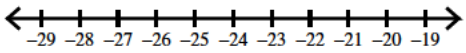
282) $\frac{x - 19}{3} > -2$



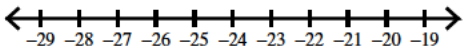
283) $0 < \frac{1 + v}{-1}$



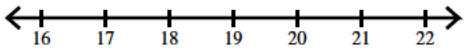
284) $11 \ge 15 + \frac{a}{6}$



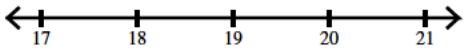
285) $\frac{10 + x}{7} > -2$



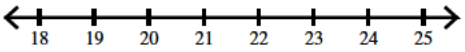
286) $\frac{p}{4} - 4 < 1$



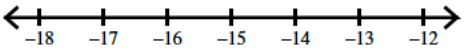
287) $1 < \frac{20 + k}{39}$



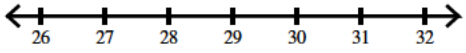
288) $8 + 9x > 197$



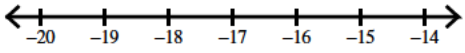
289) $133 \ge -8m + 5$



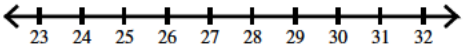
290) $-13 - 20r \ge -573$



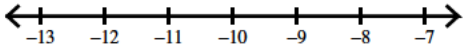
291) $\frac{n}{-8} + 19 > 21$



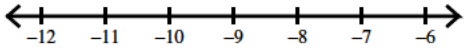
292) $11 + 8x \ge 235$



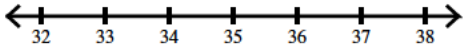
293) $\frac{-5 + n}{2} \le -7$



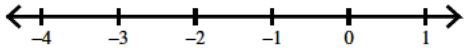
294) $\frac{b - 8}{2} > -8$



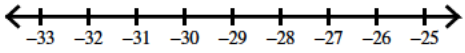
295) $7 > \frac{v + 20}{8}$



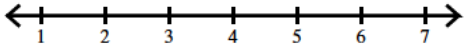
296) $\frac{7 + x}{6} \ge 1$



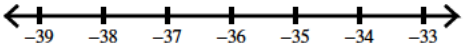
297) $22 > 17 + \frac{n}{-6}$



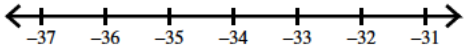
298) $20 \le 19 + \frac{a}{4}$



299) $-250 \ge 7x + 9$



300) $15 \le \frac{k}{34} + 16$



301) $\frac{x}{-22} + 30 \ge 32$

302) $-17 - 22n < 1105$

303) $3 < \frac{m + 21}{13}$

304) $-16p - 6 \le -182$

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305) $-1 \le \frac{n-14}{32}$

306) $-2 \ge \frac{m-4}{11}$

307) $\frac{r}{25} + 15 < 14$

308) $\frac{-10+x}{-70} > -1$

309) $3 \le 11 + \frac{n}{6}$

310) $-17 < \frac{x}{4} - 28$

311) $-31 + \frac{b}{11} > -36$

312) $197 \le 2 + 13v$

313) $-18x - 24 \le -1410$

314) $251 > -12k - 13$

315) $-39 \ge -35 + \frac{x}{-2}$

316) $-1 > \frac{-6+p}{34}$

317) $26 \ge \frac{37+x}{3}$

318) $\frac{n-1}{33} < 1$

319) $\frac{a+25}{5} \le 19$

320) $\frac{m}{29} + 30 < 28$

321) $-12 < 10 + \frac{r}{-3}$

322) $\frac{-15+v}{2} \ge -31$

323) $38 - 20b > -1302$

324) $28 > \frac{x}{4} + 27$

325) $-13 > \frac{35+a}{-5}$

326) $417 \ge -14x - 31$

327) $22 + \frac{n}{74} \ge 23$

328) $\frac{n+29}{22} \le 3$

329) $-14 + \frac{x}{-8} \ge -10$

330) $-31 + \frac{x}{34} < -33$

331) $\frac{-2+k}{-7} \ge 9$

332) $\frac{m}{-9} - 40 > -47$

333) $7 \le \frac{n}{14} + 2$

334) $20 + 15p > -415$

335) $4 + 22x \ge -766$

336) $-513 \ge -16n + 31$

337) $\frac{27+m}{-3} \le -18$

338) $-39 - 11r < 676$

339) $-38 > \frac{x-4}{2}$

340) $9 + \frac{n}{-2} < 26$

341) $\frac{1+b}{8} < -1$

342) $21 + \frac{v}{15} < 25$

343) $18 + \frac{x}{-39} > 19$

344) $-22 \le -21 + \frac{x}{32}$

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345) $-24 + \frac{a}{-3} \geq -34$

346) $450 < 19k + 13$

347) $-3 + 25p < -1703$

348) $-12x + 24 \leq 924$

349) $-1 \leq \frac{31 + n}{-25}$

350) $-2 + 37m > -483$

351) $\frac{-18 + r}{-2} \geq -19$

352) $-38 < \frac{x}{25} - 40$

353) $\frac{n + 9}{-2} > -37$

354) $\frac{b}{3} + 37 \leq 46$

355) $-5 + \frac{v}{5} > -1$

356) $-22 - 21n \leq 1637$

357) $-14a + 6 \leq 132$

358) $28 > 34 + \frac{x}{12}$

359) $-430 > 29k + 34$

360) $-460 > 17 - 9x$

361) $\frac{-40 + n}{-43} \geq 2$

362) $-1 > \frac{35 + x}{-81}$

363) $\frac{m + 3}{25} < -2$

364) $-20 \leq \frac{p}{2} - 1$

365) $-40 - 22b \leq 246$

366) $-12 \geq \frac{x - 28}{7}$

367) $\frac{n}{-3} + 7 \leq 20$

368) $1338 > 27x + 15$

369) $-5 \geq \frac{r}{2} + 5$

370) $26 + 33b \geq -1591$

371) $-474 \geq -1 - 11n$

372) $\frac{1 + x}{2} \geq 7$

373) $\frac{8 + v}{69} \geq 1$

374) $15 < \frac{-36 + x}{-2}$

375) $-1 < \frac{7 + a}{-82}$

376) $28 + \frac{k}{8} \leq 26$

377) $\frac{18 + p}{-14} < 1$

378) $-707 \geq -19n + 34$

379) $8 + 31r < -1852$

380) $24 > \frac{x}{-46} + 25$

381) $40 + \frac{m}{-11} \leq 44$

382) $130 \leq 19 + 37n$

383) $-78 < -7x - 8$

384) $\frac{b - 38}{17} \geq 2$

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385) $\frac{5+v}{10} < 7$

386) $\frac{x-40}{25} \le -3$

387) $\frac{11+n}{6} \le 9$

388) $-37 + \frac{a}{18} > -35$

389) $-15x - 10 < -100$

390) $1192 \ge -21k + 16$

391) $-4 + \frac{x}{-3} \ge 17$

392) $-18 \le -9n - 27$

393) $2416 \le 1 + 35m$

394) $\frac{x+40}{-10} \ge -1$

395) $-44 > \frac{29+p}{-2}$

396) $4 < \frac{n-25}{-8}$

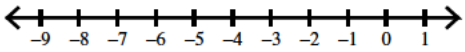
397) $\frac{-17+b}{4} > -24$

398) $\frac{r}{10} + 19 \le 13$

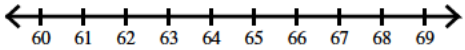
399) $\frac{x}{66} - 23 > -24$

400) $-28 \ge \frac{n}{13} - 32$

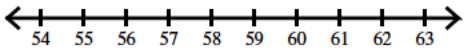
401) $-17b + 9 \le 77$



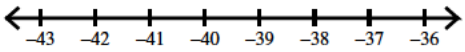
402) $12 + \frac{v}{-13} < 7$



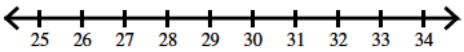
403) $1897 > -17 + 33x$



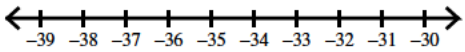
404) $38a - 6 > -1526$



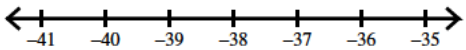
405) $\frac{1+k}{5} \ge 6$



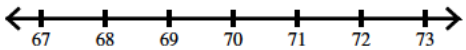
406) $-3 \le \frac{x-5}{13}$



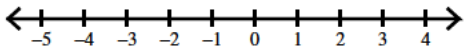
407) $-1 \ge \frac{x-18}{55}$



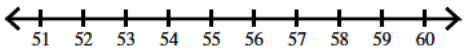
408) $2 \le \frac{-12+p}{29}$



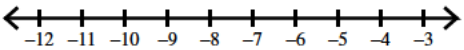
409) $\frac{n+13}{12} \le 1$



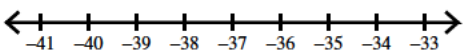
410) $32 + \frac{x}{55} \ge 33$



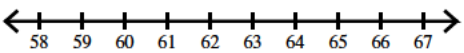
411) $39 > 35 + \frac{m}{-2}$



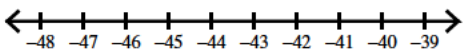
412) $446 > -35 - 13n$



413) $24 > \frac{r}{2} - 7$



414) $30 \le 28 + \frac{b}{-22}$



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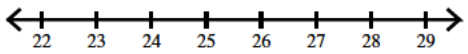
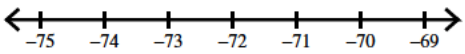
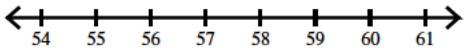
415) $-24 + 37v \geq 901$



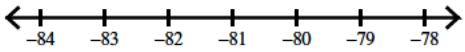
416) $-39n - 13 < 2834$



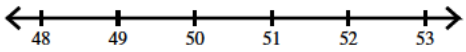
417) $\frac{x - 30}{-3} < -9$



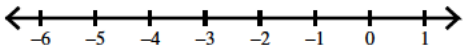
418) $-1 \geq \frac{-32 + a}{112}$



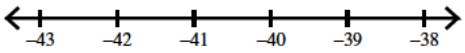
419) $12 + \frac{x}{51} > 13$



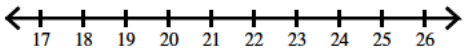
420) $\frac{-20 + x}{4} < -6$



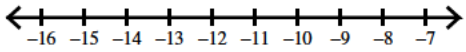
421) $-26 > -30 + \frac{n}{-10}$



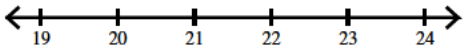
422) $41 \leq \frac{m}{22} + 40$



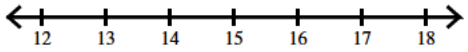
423) $0 \leq \frac{11 + k}{-1}$



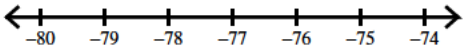
424) $\frac{p}{22} + 3 < 4$



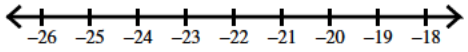
425) $-97 \geq 38 - 9x$



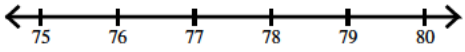
426) $216 < -15 - 3n$



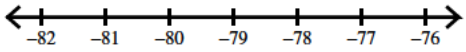
427) $-165 \leq 24 + 9x$



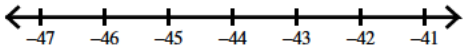
428) $40b - 31 < 3049$



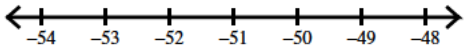
429) $-2 \leq \frac{16 + r}{32}$



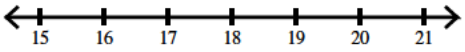
430) $\frac{a}{4} + 31 \leq 20$



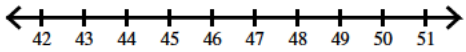
431) $-37 > \frac{-23 + v}{2}$



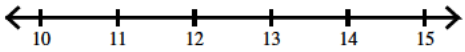
432) $-15 > -16 + \frac{x}{18}$



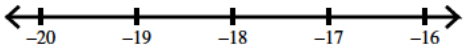
433) $5 \leq \frac{4 + n}{10}$



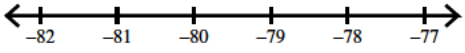
434) $23 + \frac{x}{-2} \geq 17$



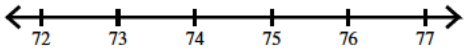
435) $39p + 31 \leq -671$



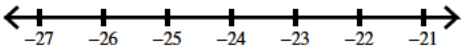
436) $\frac{a}{-5} - 20 < -4$



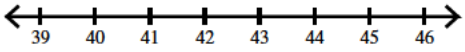
437) $56 < \frac{k}{2} + 19$



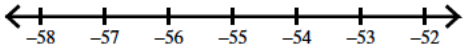
438) $-22x + 15 > 565$



439) $-1667 > -39 - 37n$



440) $-685 \geq 13r + 17$



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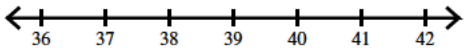
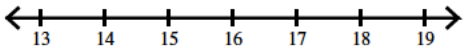
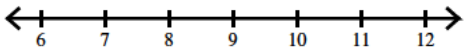
441) $-11 \geq \frac{m+6}{-4}$



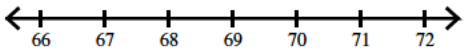
442) $\frac{x-25}{5} \leq -2$



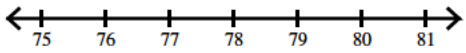
443) $5 > \frac{n}{4} + 3$



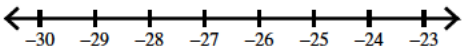
444) $37 \leq \frac{v}{7} + 27$



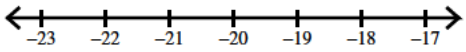
445) $2 > \frac{-19+b}{29}$



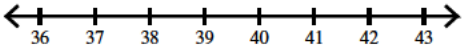
446) $-2 < -4 + \frac{n}{-14}$



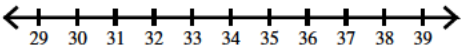
447) $38 + \frac{x}{-7} < 41$



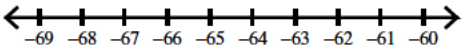
448) $-40 - a > -81$



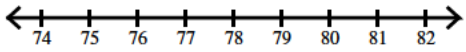
449) $-1302 > 24 - 39k$



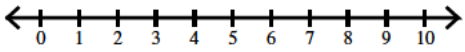
450) $2143 \geq -33x - 2$



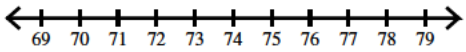
451) $\frac{x+38}{117} \geq 1$



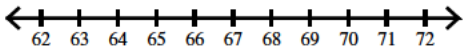
452) $\frac{n-27}{2} < -11$



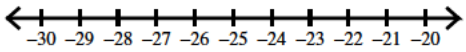
453) $22 + \frac{m}{2} \leq 59$



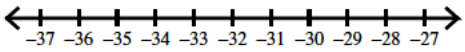
454) $1 > \frac{p-21}{46}$



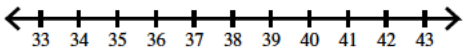
455) $14 > \frac{x}{5} + 19$



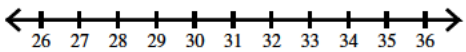
456) $\frac{n}{32} - 23 \geq -24$



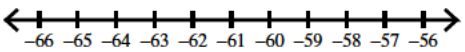
457) $\frac{b}{19} - 29 < -27$



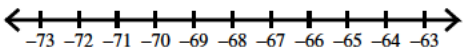
458) $22 + 34r > 1076$



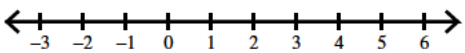
459) $250 \geq 6 - 4x$



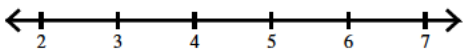
460) $3n + 34 \geq -170$



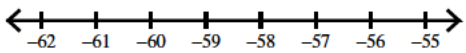
461) $-35a - 20 < -55$



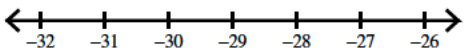
462) $\frac{37+x}{3} < 14$



463) $7 < \frac{v+2}{-8}$



464) $\frac{-23+x}{3} \leq -17$



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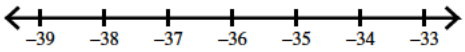
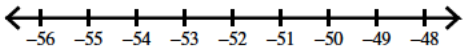
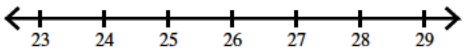
465) $-13 > -6 + \frac{a}{5}$



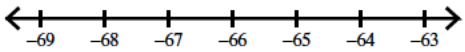
466) $\frac{k+15}{19} < -2$



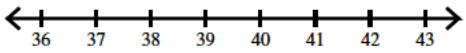
467) $-9 + \frac{p}{-27} \geq -10$



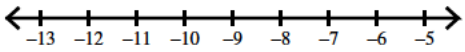
468) $16 < \frac{x}{5} + 29$



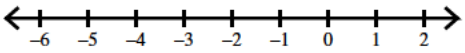
469) $34 > \frac{n}{3} + 21$



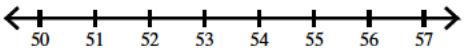
470) $-37r - 1 < 332$



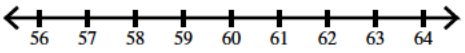
471) $38m + 15 < -61$



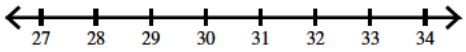
472) $-1670 \leq -31n - 27$



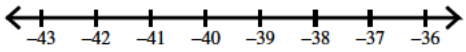
473) $386 \leq 26 + 6x$



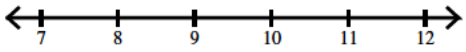
474) $\frac{18+v}{7} \leq 7$



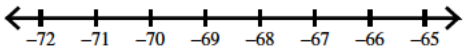
475) $\frac{12+b}{3} < -9$



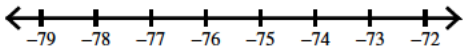
476) $\frac{x+26}{35} \geq 1$



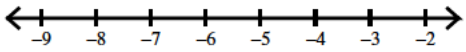
477) $-7 > 10 + \frac{n}{4}$



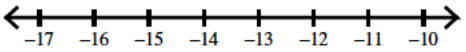
478) $\frac{a+30}{-3} \geq 15$



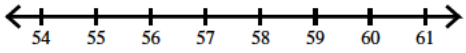
479) $9 < 6 + \frac{k}{-2}$



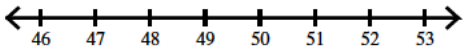
480) $36x - 3 < -471$



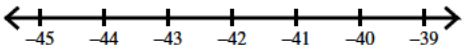
481) $\frac{x}{57} + 3 \leq 4$



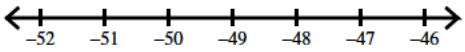
482) $258 \leq 5n + 8$



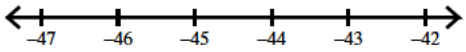
483) $1422 > -33m + 36$



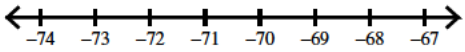
484) $19 + 10p > -471$



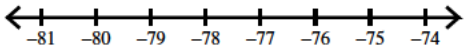
485) $\frac{x-29}{37} \geq -2$



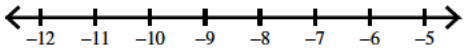
486) $-23 \leq \frac{n-21}{4}$



487) $-2 \leq \frac{22+b}{28}$



488) $\frac{-15+r}{12} > -2$



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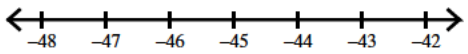
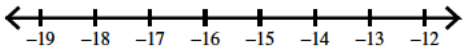
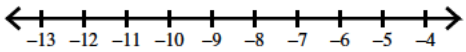
489) $-1810 > 40v - 10$



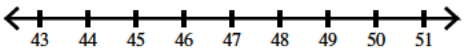
490) $22 \geq \frac{x}{4} + 26$



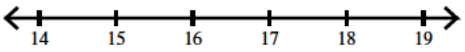
491) $25 + \frac{n}{8} > 24$



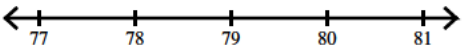
492) $-22 + \frac{a}{-2} < -45$



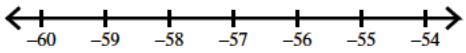
493) $1 + 8x \geq 137$



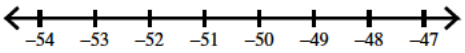
494) $14k - 25 \geq 1081$



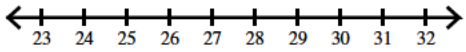
495) $\frac{n - 24}{27} > -3$



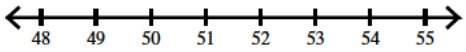
496) $-38 > -25 + \frac{x}{4}$



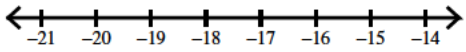
497) $\frac{-21 + p}{3} \geq 2$



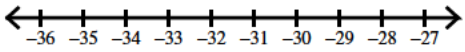
498) $\frac{n + 26}{19} > 4$



499) $3 \leq \frac{x - 17}{-12}$



500) $\frac{1 + m}{2} \geq -15$



Solve each inequality.

501) $\frac{x + 26}{4} < -14$

502) $32 < \frac{n}{-177} + 33$

503) $-58 > \frac{m}{56} - 60$

504) $\frac{r}{15} + 48 > 51$

505) $-12934 \leq 95x - 14$

506) $-23b - 88 > -479$

507) $65 < \frac{n}{66} + 62$

508) $34 + 54x > -6230$

509) $45 \leq \frac{-85 + v}{-3}$

510) $\frac{-2 + n}{102} \geq 1$

511) $\frac{a - 64}{3} \geq -9$

512) $1 < \frac{v + 75}{-69}$

513) $-31 \leq 7 + \frac{x}{-5}$

514) $-86 + \frac{x}{9} > -85$

515) $17 + \frac{n}{19} > 14$

516) $-27p - 75 > -2667$

517) $-14 + \frac{k}{161} \geq -13$

518) $7128 \geq -12 - 84x$

519) $52 + 56n \geq -8460$

520) $-153 < -63r - 27$

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521) $\frac{77+x}{-6} \geq -2$

522) $\frac{n}{31} + 75 < 80$

523) $2 > \frac{m-6}{88}$

524) $\frac{v}{-93} + 84 > 85$

525) $16 > \frac{b+94}{5}$

526) $-9 + \frac{x}{-53} > -6$

527) $-10589 \geq 70 + 57k$

528) $5 + \frac{a}{2} < 2$

529) $-808 < -5p - 73$

530) $1 > 48 + \frac{n}{2}$

531) $-5369 < -67x - 9$

532) $16m - 88 \leq -2760$

533) $\frac{n+73}{3} \geq -9$

534) $18 < \frac{r-79}{5}$

535) $\frac{-60+n}{-3} < 26$

536) $-51 \leq \frac{x}{14} - 50$

537) $-1 > 12 + \frac{b}{5}$

538) $\frac{v}{59} + 36 \geq 39$

539) $-5637 < 87 + 53x$

540) $-2916 \leq 9 - 65a$

541) $-4n - 55 < -503$

542) $12x - 70 > 2306$

543) $11 < 18 + \frac{n}{7}$

544) $\frac{x-45}{29} \geq 3$

545) $2 > \frac{74+v}{26}$

546) $\frac{80+k}{3} \leq 55$

547) $32 + \frac{p}{13} \leq 40$

548) $76 > \frac{x}{41} + 74$

549) $-8m - 37 \leq -1565$

550) $-664 \leq 26 - 69r$

551) $-4190 > 85 + 75x$

552) $13n - 53 > -1665$

553) $44 \geq \frac{n}{-48} + 41$

554) $\frac{-48+b}{12} \geq 4$

555) $2859 \geq 75 + 96v$

556) $\frac{-89+a}{-87} \leq 1$

557) $-39 < \frac{x+34}{3}$

558) $97 \leq \frac{n}{61} + 94$

559) $-92 + \frac{k}{65} > -93$

560) $-102 < \frac{x}{-2} - 71$

561) $-6630 > -98 + 71n$

562) $47 \geq 16 + \frac{p}{5}$

563) $14m - 35 \geq -2261$

564) $-8196 \geq -47r + 29$

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565) $1 \geq \frac{9+n}{-26}$

566) $87 + 92x < -465$

567) $-1 \geq \frac{v+3}{-202}$

568) $2 < \frac{-26+b}{61}$

569) $\frac{x}{-25} - 25 \leq -21$

570) $\frac{a}{-13} + 94 < 87$

571) $-2 > \frac{-5+n}{86}$

572) $-1089 \geq -81 + 72k$

573) $46 - 46x < -6394$

574) $-96 + 93n < 6693$

575) $31k - 32 \leq -3380$

576) $4 + \frac{x}{2} < -93$

577) $\frac{p-30}{-205} \geq 1$

578) $\frac{m-9}{2} \leq 95$

579) $14 < \frac{-87+x}{-3}$

580) $-44 < \frac{65+n}{-6}$

581) $\frac{r}{-66} + 57 > 55$

582) $\frac{n}{4} + 66 < 37$

583) $-34 \geq \frac{x}{-7} - 41$

584) $-5141 < 59 - 50b$

585) $33x - 15 \leq -972$

586) $82 \leq 81 + \frac{v}{38}$

587) $-5495 > 44 - 29x$

588) $-11378 > -94 - 91a$

589) $\frac{-8+p}{33} \leq -4$

590) $\frac{-70+x}{-3} \leq -9$

591) $-8 \leq \frac{30+k}{11}$

592) $-1 > \frac{n+70}{-100}$

593) $60 \geq \frac{m}{2} + 62$

594) $\frac{x}{8} + 11 > -12$

595) $29n + 3 > -1853$

596) $40 + \frac{r}{-3} < -21$

597) $-8086 \geq -76 - 90v$

598) $23 \geq \frac{b}{-9} + 16$

599) $1954 \geq 46 - 12n$

600) $\frac{50+x}{12} \geq 6$

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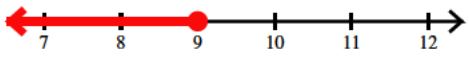
Two-step inequalities - integers

Solve an inequality:

1) $10 \geq \frac{p}{3} + 7$

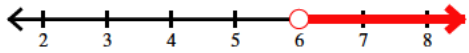


2) $\frac{1+m}{10} \geq -1$

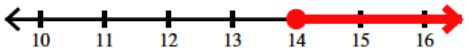
3) $7 + \frac{n}{2} < 16$

4) $8 \geq 7 + \frac{x}{4}$

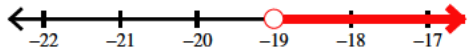
5) $58 < 8m + 10$



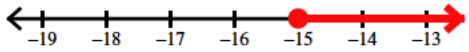
6) $9 - 5x \leq -61$



7) $90 > -5 - 5b$

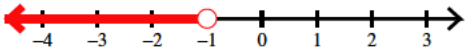


8) $-8 \leq \frac{r}{15} - 7$



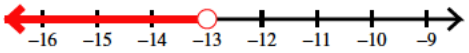
9) $-43 > 5n - 8$

10) $\frac{-7+v}{2} < -4$

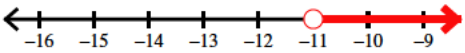


11) $0 < \frac{x-5}{1}$

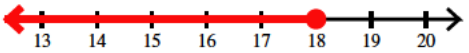
12) $-1 > \frac{x-3}{16}$



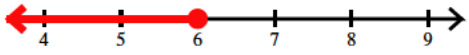
13) $-3 < \frac{a+2}{3}$



14) $-3 + \frac{k}{18} \leq -2$



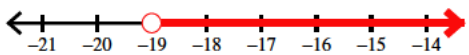
15) $61 \geq 9n + 7$



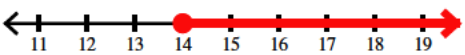
16) $\frac{p}{8} + 8 > 9$

17) $-4 + \frac{x}{2} \leq -11$

18) $-5n + 6 < 101$

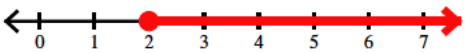


19) $-57 \geq -1 - 4r$

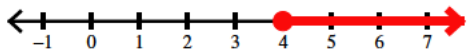


20) $3 > \frac{m}{6} + 4$

21) $\frac{6+x}{8} \geq 1$



22) $\frac{v+5}{9} \geq 1$



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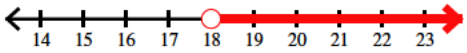
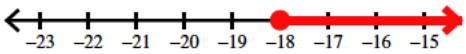
23) $\frac{10+x}{10} \le 1$

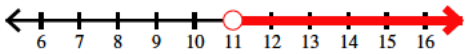
24) $8+\frac{a}{2} > 17$



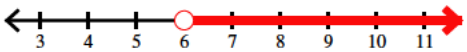
25) $-5 \le -3+\frac{n}{9}$



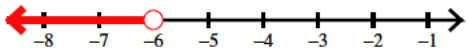
26) $2 < \frac{-7+b}{2}$



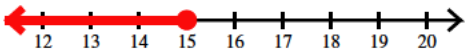
27) $-9+\frac{k}{6} > -8$



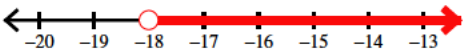
28) $-6+7n < -48$



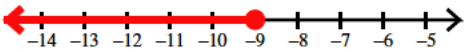
29) $140 \ge -10+10x$



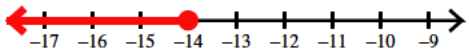
30) $-4m-3 < 69$



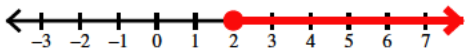
31) $32 \le -4-4x$



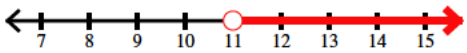
32) $-8 \ge \frac{x}{7} - 6$



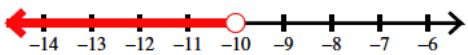
33) $1 \le \frac{7+p}{9}$



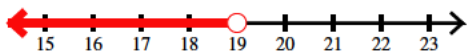
34) $\frac{n-7}{4} > 1$



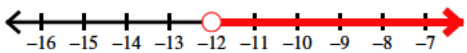
35) $-6 > \frac{b}{10} - 5$



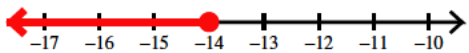
36) $6 > \frac{-7+r}{2}$



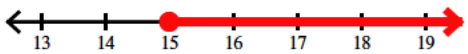
37) $7+\frac{x}{3} > 3$



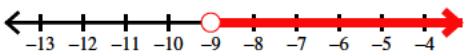
38) $5 \ge \frac{n}{14} + 6$



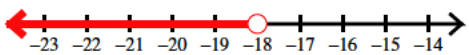
39) $-2x+9 \le -21$



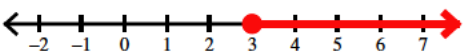
40) $-3 < \frac{v}{9} - 2$



41) $8-3a > 62$

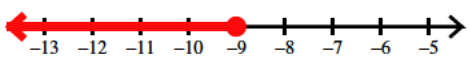


42) $28 \le 4+8x$

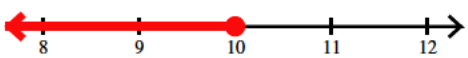


43) $\frac{-2+k}{15} > -1$

44) $-38 \ge 5p+7$



45) $-10+\frac{n}{2} \le -5$



46) $2 \ge \frac{-5+x}{2}$

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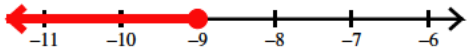
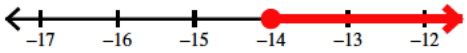
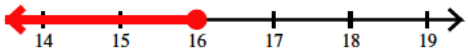
47) $\frac{m-5}{2} \le -7$



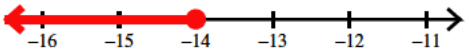
48) $\frac{r}{14} + 9 \ge 8$



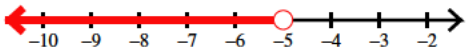
49) $-152 \le -9n - 8$



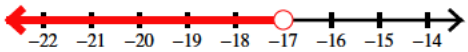
50) $\frac{x}{14} - 4 \le -5$



51) $-50 > -5 + 9b$

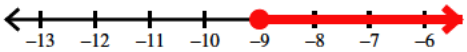


52) $-1 - 2v > 33$

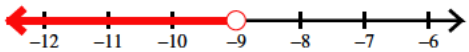


53) $\frac{x+9}{2} \ge 6$

54) $16 \ge -2n - 2$



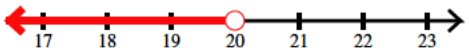
55) $\frac{k}{9} + 5 < 4$



56) $4 \le 4 + \frac{x}{1}$

57) $1 \ge \frac{a-5}{6}$

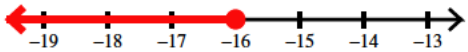
58) $\frac{x-5}{15} < 1$



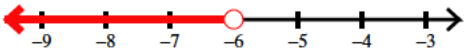
59) $-3 > 7 + 2p$

60) $10 - 9x \ge -134$

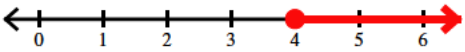
61) $-3 \ge \frac{m}{16} - 2$



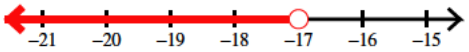
62) $-2 + \frac{n}{6} < -3$



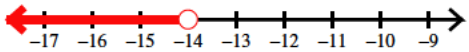
63) $10n + 6 \ge 46$



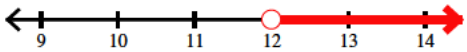
64) $27 < 10 - b$



65) $-2 > \frac{-8+x}{11}$



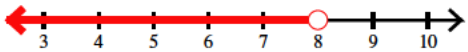
66) $3 < \frac{9+r}{7}$



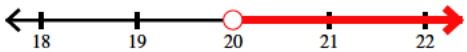
67) $\frac{n-4}{4} \le 2$

68) $6 > 6 + \frac{b}{1}$

69) $-2 > \frac{x}{2} - 6$



70) $\frac{v-4}{4} > 4$



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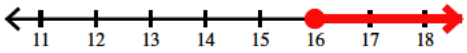
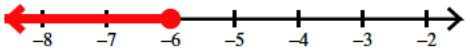
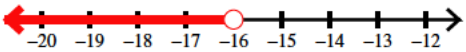
71) $-7+\frac{a}{2}\geq 1$



72) $7\geq\frac{x}{6}+8$

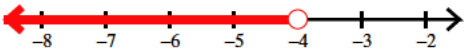


73) $-p+7>23$

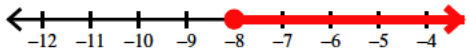


74) $-36\leq -10x+4$

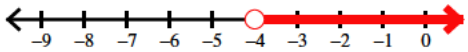
75) $3k-3<-15$



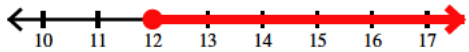
76) $-5-2n\leq 11$



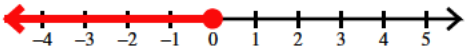
77) $0<\frac{r+4}{1}$



78) $1\leq\frac{10+m}{22}$

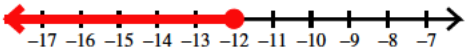


79) $7\geq 7+\frac{n}{1}$

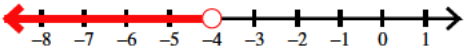


80) $-2\geq\frac{8+x}{3}$

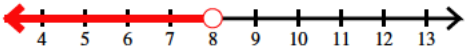
81) $-2\geq\frac{-4+b}{8}$



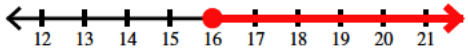
82) $4x+9<-7$



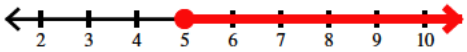
83) $\frac{v}{4}+5<7$



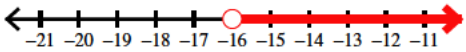
84) $-8\leq -9+\frac{n}{16}$



85) $8-9a\leq -37$

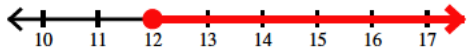


86) $169>-10k+9$



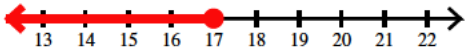
87) $-136>-6-10x$

88) $\frac{-2+n}{5}\geq 2$

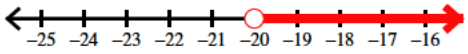


89) $\frac{m+8}{2}\geq 4$

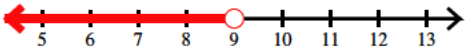
90) $3\geq\frac{x-2}{5}$



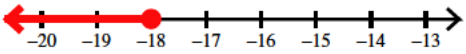
91) $-11<\frac{p-2}{2}$



92) $\frac{x}{3}-4<-1$



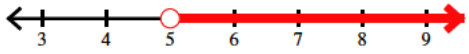
93) $\frac{b}{3}-4\leq -10$



94) $-7\leq\frac{n}{2}-1$

95) $-2+5r>-22$

96) $-39>6-9n$



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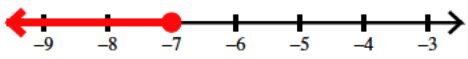
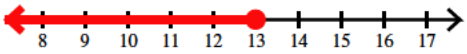
97) $-13 \geq 2a + 1$

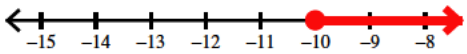


98) $\frac{x}{16} + 2 > 1$

99) $-9v + 5 \geq -112$



100) $\frac{x + 10}{1} \geq 0$



Solve each inequality.

101) $\frac{9 + v}{13} > 2$ $v > 17$

102) $-2 > \frac{b - 4}{8}$ $b < -12$

103) $\frac{x + 5}{7} \geq 2$ $x \geq 9$

104) $\frac{n + 8}{4} < -1$ $n < -12$

105) $-12 < -8 + \frac{a}{5}$ $a > -20$

106) $1 + \frac{k}{8} \leq 2$ $k \leq 8$

107) $-2 - x \leq 18$ $x \geq -20$

108) $\frac{p}{3} - 11 \geq -4$ $p \geq 21$

109) $113 \leq 8m + 9$ $m \geq 13$

110) $6 + \frac{n}{-21} \geq 5$ $n \leq 21$

111) $-4 - x > 12$ $x < -16$

112) $\frac{p - 11}{-8} \geq 2$ $p \leq -5$

113) $\frac{n + 12}{5} > 5$ $n > 13$

114) $3 \geq \frac{7 + b}{4}$ $b \leq 5$

115) $\frac{x}{2} + 1 < -11$ $x < -24$

116) $2 + \frac{n}{2} \leq 4$ $n \leq 4$

117) $-7 < \frac{r + 2}{2}$ $r > -16$

118) $5 > 4 + \frac{a}{-4}$ $a > -4$

119) $81 > 10x - 9$ $x < 9$

120) $-50 > -3x + 1$ $x > 17$

121) $3 \geq \frac{v}{8} + 6$ $v \leq -24$

122) $-40 < -8 - 4p$ $p < 8$

123) $12 + 6n \geq -60$ $n \geq -12$

124) $\frac{-5 + x}{12} < 1$ $x < 17$

125) $10 \geq \frac{12 + k}{2}$ $k \leq 8$

126) $-11 + \frac{r}{-1} > -11$ $r < 0$

127) $\frac{m - 6}{5} \leq 2$ $m \leq 16$

128) $-3 < \frac{5 + n}{5}$ $n > -20$

129) $2 + \frac{b}{-2} \leq -6$ $b \geq 16$

130) $4 > 5 + \frac{x}{8}$ $x < -8$

131) $2 \geq 7 + \frac{n}{-4}$ $n \geq 20$

132) $-12v + 4 \geq -56$ $v \leq 5$

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133) $-134 < 8x - 6$ $x > -16$

134) $-82 < -10 + 3n$ $n > -24$

135) $12k - 6 \le -54$ $k \le -4$

136) $\frac{p+2}{3} \le 5$ $p \le 13$

137) $1 \ge \frac{9+a}{6}$ $a \le -3$

138) $1 > 6 + \frac{x}{-4}$ $x > 20$

139) $\frac{n}{4} + 4 \le 3$ $n \le -4$

140) $2x - 4 < 14$ $x < 9$

141) $-2 \ge \frac{r}{2} - 10$ $r \le 16$

142) $0 < -10n + 10$ $n < 1$

143) $-14 > \frac{m}{6} - 12$ $m < -12$

144) $-213 \le 7 + 11b$ $b \ge -20$

145) $11x - 2 > -2$ $x > 0$

146) $\frac{v+5}{-9} < -2$ $v > 13$

147) $-3 \ge \frac{-10+n}{6}$ $n \le -8$

148) $12 < \frac{a}{7} + 9$ $a > 21$

149) $3 \le \frac{r+6}{9}$ $r \ge 21$

150) $\frac{n}{3} - 9 \ge -5$ $n \ge 12$

151) $-15 > \frac{x}{4} - 11$ $x < -16$

152) $16 \le 12 + \frac{x}{-2}$ $x \le -8$

153) $18 \le 4k + 2$ $k \ge 4$

154) $-3 < -p - 6$ $p < -3$

155) $-12 - 12x > 276$ $x < -24$

156) $8n + 3 > 139$ $n > 17$

157) $-11 - 8r \ge 85$ $r \le -12$

158) $0 \ge \frac{m+4}{-1}$ $m \ge -4$

159) $4 < \frac{12+x}{7}$ $x > 16$

160) $\frac{b+3}{-9} \le 1$ $b \ge -12$

161) $\frac{n}{9} + 12 < 13$ $n < 9$

162) $-9 > -9 + \frac{n}{1}$ $n < 0$

163) $-12 > -10 + \frac{v}{10}$ $v < -20$

164) $-7 \ge -8 + \frac{x}{8}$ $x \le 8$

165) $2a + 5 > -11$ $a > -8$

166) $-208 \ge -10k + 2$ $k \ge 21$

167) $134 \ge -9 + 11p$ $p \le 13$

168) $6 + 6x < -42$ $x < -8$

169) $\frac{10+r}{2} < 7$ $r < 4$

170) $\frac{6+m}{2} \le 13$ $m \le 20$

171) $5 \ge \frac{n+1}{-3}$ $n \ge -16$

172) $-9 < -10 + \frac{b}{4}$ $b > 4$

173) $-10 > \frac{n-6}{3}$ $n < -24$

174) $-13 \le \frac{x}{8} - 11$ $x \ge -16$

175) $9v - 3 \ge -39$ $v \ge -4$

176) $-111 < 8 - 7n$ $n < 17$

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177) $-2-12a<-110$ $a>9$

178) $0<3+\frac{x}{4}$ $x>-12$

179) $9v-6\le -114$ $v\le -12$

180) $\frac{-12+n}{6}<-2$ $n<0$

181) $0\le \frac{x-8}{1}$ $x\ge 8$

182) $-4\ge \frac{4+x}{4}$ $x\le -20$

183) $\frac{8+k}{12}\le -1$ $k\le -20$

184) $\frac{x}{1}-4\ge -4$ $x\ge 0$

185) $-108<7m+4$ $m>-16$

186) $6>\frac{p}{3}-1$ $p<21$

187) $\frac{n}{8}+3\ge 2$ $n\ge -8$

188) $-9x+11\le -34$ $x\ge 5$

189) $5\le 6+\frac{r}{-12}$ $r\le 12$

190) $-185>-9+11n$ $n<-16$

191) $-154>6b-10$ $b<-24$

192) $\frac{-9+v}{1}<0$ $v<9$

193) $\frac{x-10}{-2}<7$ $x>-4$

194) $2+\frac{k}{2}>0$ $k>-4$

195) $-1\le \frac{n+10}{-34}$ $n\le 24$

196) $-3\ge \frac{a-3}{3}$ $a\le -6$

197) $\frac{p}{3}+4\ge 0$ $p\ge -12$

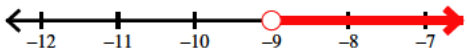
198) $-8>-8-7m$ $m>0$

199) $3+5n>43$ $n>8$

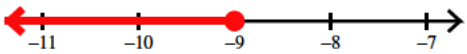
200) $16<\frac{x}{-5}+12$ $x<-20$

Solve each inequality and graph its solution.

201) $3r+4>-23$



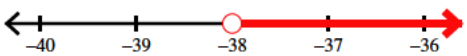
202) $-6\ge \frac{x-9}{3}$



203) $3<\frac{19+n}{18}$

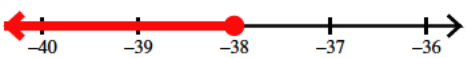
204) $\frac{b+15}{2}<25$

205) $-1+\frac{n}{38}>-2$



206) $\frac{-18+v}{9}\ge -1$

207) $-12\ge -10+\frac{a}{19}$



208) $15\ge \frac{x}{-11}+17$

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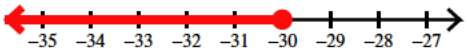
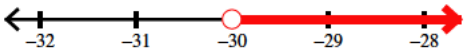
209) $12 + \frac{x}{2} \leq 15$

210) $-14x + 8 \geq -76$

211) $-436 \geq -16 + 14k$



212) $4 > \frac{14 + n}{-4}$



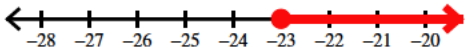
213) $-66 > 10 + 2v$

214) $\frac{p + 20}{-1} \geq 0$

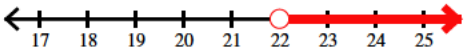
215) $-2 \leq \frac{17 + x}{4}$

216) $-5 > \frac{8 + m}{3}$

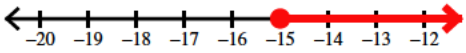
217) $-1 \leq \frac{13 + n}{10}$



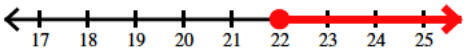
218) $\frac{r}{2} + 11 > 22$



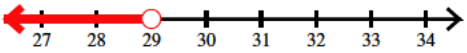
219) $-182 \leq -17 + 11b$



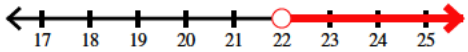
220) $\frac{x}{2} + 2 \geq 13$



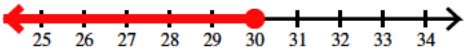
221) $-485 < 8 - 17x$



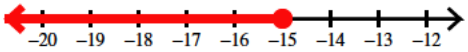
222) $-6 < -8 + \frac{n}{11}$



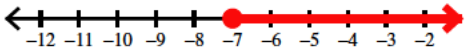
223) $7 \geq \frac{12 + n}{6}$



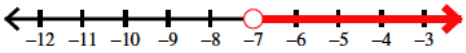
224) $15 + \frac{v}{3} \leq 10$



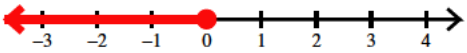
225) $-a + 15 \leq 22$



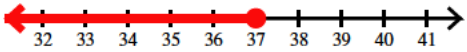
226) $\frac{k - 5}{-12} < 1$



227) $18 \geq \frac{n}{1} + 18$

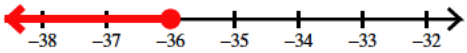


228) $-10 \leq \frac{-17 + p}{-2}$



229) $\frac{11 + x}{16} > 3$

230) $84 \leq 12 - 2n$



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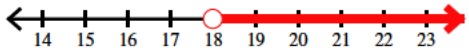
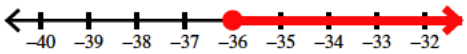
231) $-8 + \frac{r}{12} < -5$

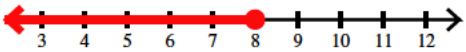
232) $\frac{m}{3} - 13 > -7$



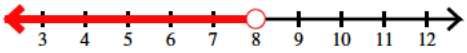
233) $\frac{x}{-3} - 14 \leq -2$



234) $-53 \leq -6b - 5$



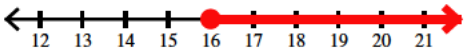
235) $-19v + 18 > -134$



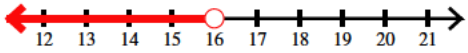
236) $-153 \geq 15 + 6n$

237) $-1 < \frac{-3 + x}{-35}$

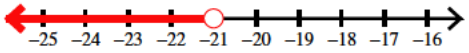
238) $3 \leq \frac{a - 7}{3}$



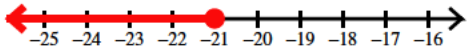
239) $3 + \frac{k}{-2} > -5$



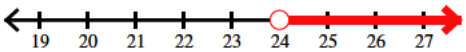
240) $\frac{9 + x}{-4} > 3$



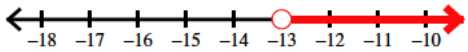
241) $16 \geq 17 + \frac{x}{21}$



242) $8p - 2 > 190$

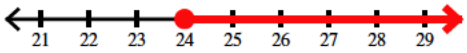


243) $4x - 19 > -71$

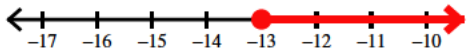


244) $11 < 7 + \frac{n}{6}$

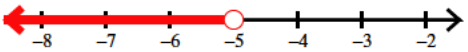
245) $\frac{k}{-2} - 2 \leq -14$



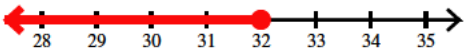
246) $100 \geq -4 - 8n$



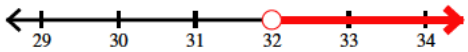
247) $16 + 4x < -4$



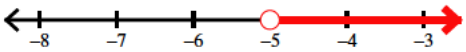
248) $659 \geq 19 + 20m$



249) $3 < \frac{7 + r}{13}$



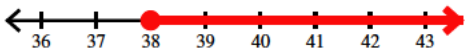
250) $\frac{n - 9}{2} > -7$



251) $\frac{x}{1} + 10 \leq 10$

252) $0 > \frac{b}{13} - 3$

253) $\frac{x}{19} + 19 \geq 21$



254) $15 \geq \frac{6 + v}{3}$

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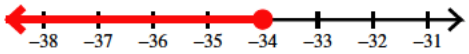
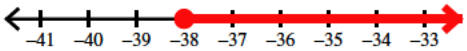
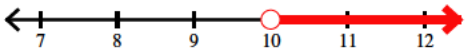
255) $-511 \geq -1 + 15k$



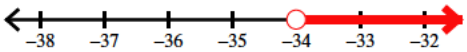
256) $3 + \frac{a}{2} \geq -16$



257) $-3 - 11x < -113$



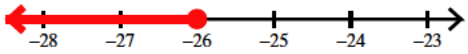
258) $-86 < 2p - 18$



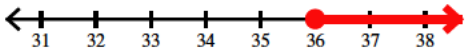
259) $20 + 18n \leq 218$

260) $\frac{1 + r}{5} > -5$

261) $4 \leq \frac{14 + m}{-3}$

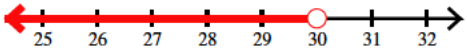


262) $11 \leq \frac{x + 19}{5}$



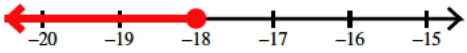
263) $\frac{n}{9} + 15 \geq 17$

264) $\frac{b}{3} - 6 < 4$

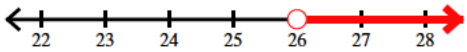


265) $219 < 3 - 12x$

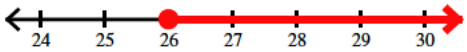
266) $13 + \frac{v}{6} \leq 10$



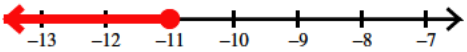
267) $402 < 16n - 14$



268) $12a - 15 \geq 297$



269) $-17k + 17 \geq 204$

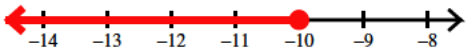


270) $-1 < \frac{x - 13}{24}$

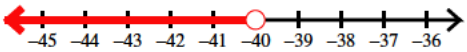
271) $18 > \frac{19 + x}{2}$

272) $\frac{12 + n}{-46} > -1$

273) $7 \geq \frac{k}{2} + 12$

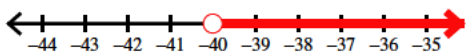


274) $\frac{x}{8} - 6 < -11$

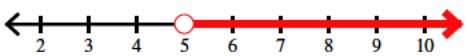


275) $-1 > \frac{8 + p}{-16}$

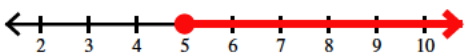
276) $-433 < 7 + 11n$



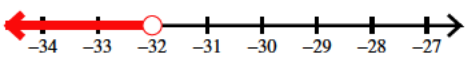
277) $-103 > -13 - 18x$



278) $4 - 14r \leq -66$



279) $-310 > 10n + 10$



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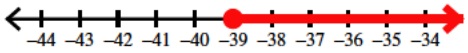
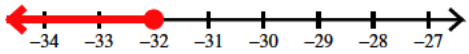
280) $13 \le 16 + \frac{m}{13}$

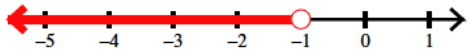


281) $-16 - 2b \ge 48$

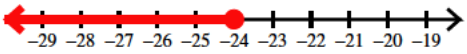


282) $\frac{x - 19}{3} > -2$

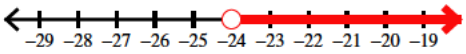
283) $0 < \frac{1 + v}{-1}$



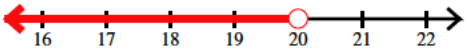
284) $11 \ge 15 + \frac{a}{6}$



285) $\frac{10 + x}{7} > -2$



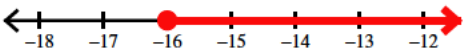
286) $\frac{p}{4} - 4 < 1$



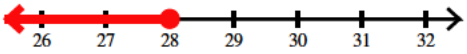
287) $1 < \frac{20 + k}{39}$

288) $8 + 9x > 197$

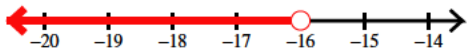
289) $133 \ge -8m + 5$



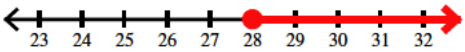
290) $-13 - 20r \ge -573$



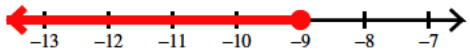
291) $\frac{n}{-8} + 19 > 21$



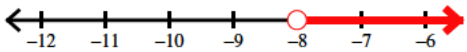
292) $11 + 8x \ge 235$



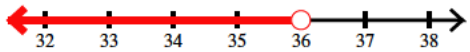
293) $\frac{-5 + n}{2} \le -7$



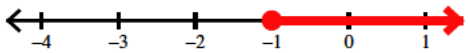
294) $\frac{b - 8}{2} > -8$



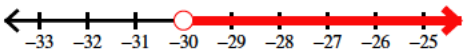
295) $7 > \frac{v + 20}{8}$



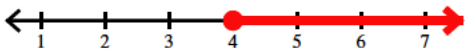
296) $\frac{7 + x}{6} \ge 1$



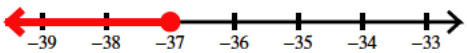
297) $22 > 17 + \frac{n}{-6}$



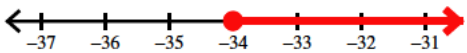
298) $20 \le 19 + \frac{a}{4}$



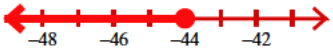
299) $-250 \ge 7x + 9$



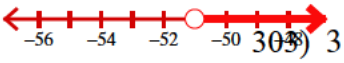
300) $15 \le \frac{k}{34} + 16$



301) $\frac{x}{-22} + 30 \ge 32$ $x \le -44$:

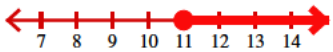


302) $-17 - 22n < 1105$ $n > -51$:



303) $3 < \frac{m + 21}{13}$ $m > 18$:

304) $-16p - 6 \le -182$ $p \ge 11$:



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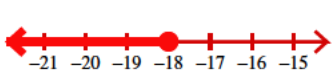
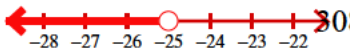
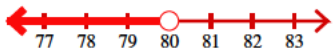
305) $-1 \le \frac{n-14}{32}$ $n \ge -18$: 

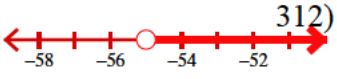
306) $-2 \ge \frac{m-4}{11}$ $m \le -18$: 

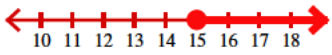
307) $\frac{r}{25} + 15 < 14$ $r < -25$: 

308) $\frac{-10+x}{-70} > -1$ $x < 80$: 

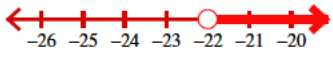
309) $3 \le 11 + \frac{n}{6}$ $n \ge -48$: 

310) $-17 < \frac{x}{4} - 28$ $x > 44$: 

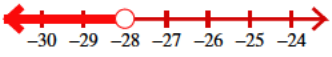
311) $-31 + \frac{b}{11} > -36$ $b > -55$: 

312) $197 \le 2 + 13v$ $v \ge 15$: 

313) $-18x - 24 \le -1410$ $x \ge 77$: 

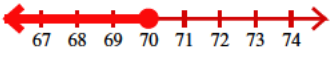
314) $251 > -12k - 13$ $k > -22$: 

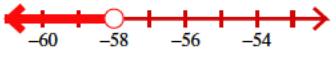
315) $-39 \ge -35 + \frac{x}{-2}$ $x \ge 8$: 

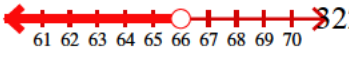
316) $-1 > \frac{-6+p}{34}$ $p < -28$: 

317) $26 \ge \frac{37+x}{3}$ $x \le 41$: 

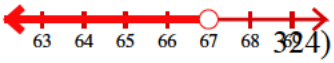
318) $\frac{n-1}{33} < 1$ $n < 34$: 

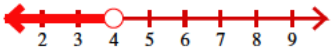
319) $\frac{a+25}{5} \le 19$ $a \le 70$: 

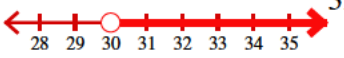
320) $\frac{m}{29} + 30 < 28$ $m < -58$: 

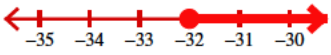
321) $-12 < 10 + \frac{r}{-3}$ $r < 66$: 

322) $\frac{-15+v}{2} \ge -31$ $v \ge -47$: 

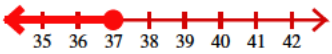
323) $38 - 20b > -1302$ $b < 67$: 

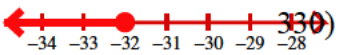
324) $28 > \frac{x}{4} + 27$ $x < 4$: 

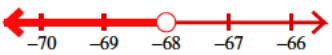
325) $-13 > \frac{35+a}{-5}$ $a > 30$: 

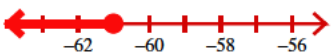
326) $417 \ge -14x - 31$ $x \ge -32$: 

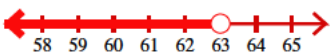
327) $22 + \frac{n}{74} \ge 23$ $n \ge 74$: 

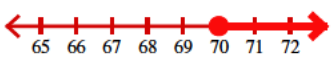
328) $\frac{n+29}{22} \le 3$ $n \le 37$: 

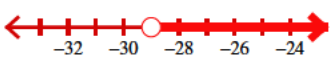
329) $-14 + \frac{x}{-8} \ge -10$ $x \le -32$: 

330) $-31 + \frac{x}{34} < -33$ $x < -68$: 

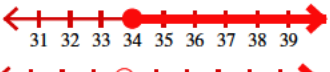
331) $\frac{-2+k}{-7} \ge 9$ $k \le -61$: 

332) $\frac{m}{-9} - 40 > -47$ $m < 63$: 

333) $7 \le \frac{n}{14} + 2$ $n \ge 70$: 

334) $20 + 15p > -415$ $p > -29$: 

335) $4 + 22x \ge -766$ $x \ge -35$: 

336) $-513 \ge -16n + 31$ $n \ge 34$: 

337) $\frac{27+m}{-3} \le -18$ $m \ge 27$:

338) $-39 - 11r < 676$ $r > -65$:

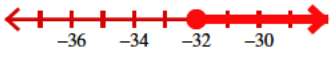
339) $-38 > \frac{x-4}{2}$ $x < -72$:

340) $9 + \frac{n}{-2} < 26$ $n > -34$:

341) $\frac{1+b}{8} < -1$ $b < -9$:

342) $21 + \frac{v}{15} < 25$ $v < 60$:

343) $18 + \frac{x}{-39} > 19$ $x < -39$: 

344) $-22 \le -21 + \frac{x}{32}$ $x \ge -32$: 

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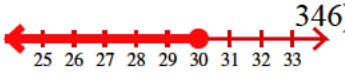
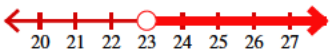
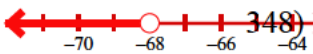
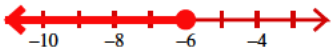
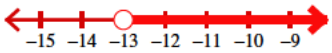
345) $-24 + \frac{a}{-3} \geq -34$ $a \leq 30$: 

346) $450 < 19k + 13$ $k > 23$: 

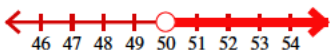
347) $-3 + 25p < -1703$ $p < -68$: 

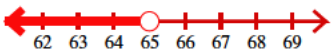
348) $12x + 24 \leq 924$ $x \geq -75$: 

349) $-1 \leq \frac{31 + n}{-25}$ $n \leq -6$: 

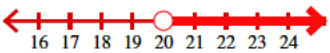
350) $-2 + 37m > -483$ $m > -13$: 

351) $\frac{-18 + r}{-2} \geq -19$ $r \leq 56$: 

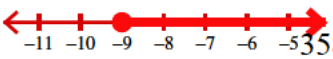
352) $-38 < \frac{x}{25} - 40$ $x > 50$: 

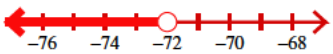
353) $\frac{n + 9}{-2} > -37$ $n < 65$: 

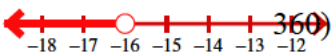
354) $\frac{b}{3} + 37 \leq 46$ $b \leq 27$: 

355) $-5 + \frac{v}{5} > -1$ $v > 20$: 

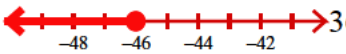
356) $-22 - 21n \leq 1637$ $n \geq -79$: 

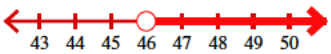
357) $-14a + 6 \leq 132$ $a \geq -9$: 

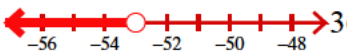
358) $28 > 34 + \frac{x}{12}$ $x < -72$: 

359) $-430 > 29k + 34$ $k < -16$: 

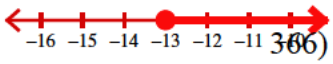
360) $-460 > 17 - 9x$ $x > 53$: 

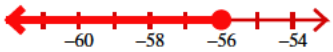
361) $\frac{-40 + n}{-43} \geq 2$ $n \leq -46$: 

362) $-1 > \frac{35 + x}{-81}$ $x > 46$: 

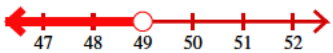
363) $\frac{m + 3}{25} < -2$ $m < -53$: 

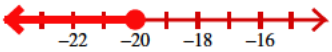
364) $-20 \leq \frac{p}{2} - 1$ $p \geq -38$: 

365) $-40 - 22b \leq 246$ $b \geq -13$: 

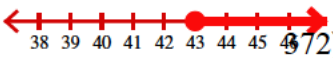
366) $-12 \geq \frac{x - 28}{7}$ $x \leq -56$: 

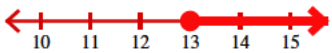
367) $\frac{n}{-3} + 7 \leq 20$ $n \geq -39$: 

368) $1338 > 27x + 15$ $x < 49$: 

369) $-5 \geq \frac{r}{2} + 5$ $r \leq -20$: 

370) $26 + 33b \geq -1591$ $b \geq -49$: 

371) $-474 \geq -1 - 11n$ $n \geq 43$: 

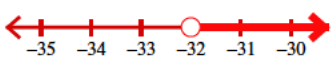
372) $\frac{1 + x}{2} \geq 7$ $x \geq 13$: 

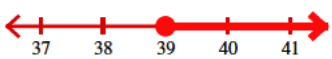
373) $\frac{8 + v}{69} \geq 1$ $v \geq 61$: 

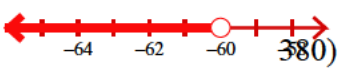
374) $15 < \frac{-36 + x}{-2}$ $x < 6$: 

375) $-1 < \frac{7 + a}{-82}$ $a < 75$: 

376) $28 + \frac{k}{8} \leq 26$ $k \leq -16$: 

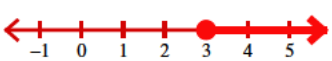
377) $\frac{18 + p}{-14} < 1$ $p > -32$: 

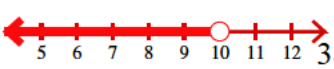
378) $-707 \geq -19n + 34$ $n \geq 39$: 

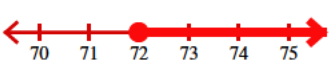
379) $8 + 31r < -1852$ $r < -60$: 

380) $24 > \frac{x}{-46} + 25$ $x > 46$: 

381) $40 + \frac{m}{-11} \leq 44$ $m \geq -44$: 

382) $130 \leq 19 + 37n$ $n \geq 3$: 

383) $-78 < -7x - 8$ $x < 10$: 

384) $\frac{b - 38}{17} \geq 2$ $b \geq 72$: 

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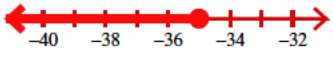
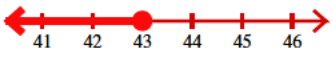
385) $\frac{5+v}{10} < 7$ $v < 65$:

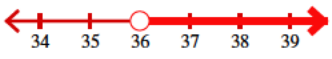
386) $\frac{x-40}{25} \le -3$ $x \le -35$:



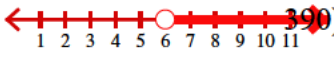
387) $\frac{11+n}{6} \le 9$ $n \le 43$:



388) $-37 + \frac{a}{18} > -35$ $a > 36$:



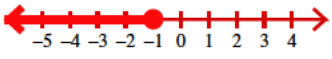
389) $-15x - 10 < -100$ $x > 6$:



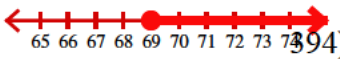
390) $1192 \ge -21k + 16$ $k \ge -56$:

391) $-4 + \frac{x}{-3} \ge 17$ $x \le -63$:

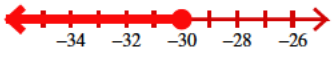
392) $-18 \le -9n - 27$ $n \le -1$:



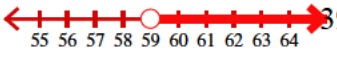
393) $2416 \le 1 + 35m$ $m \ge 69$:



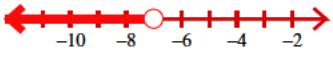
394) $\frac{x+40}{-10} \ge -1$ $x \le -30$:



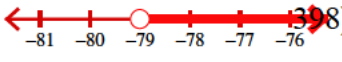
395) $-44 > \frac{29+p}{-2}$ $p > 59$:



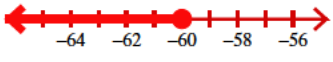
396) $4 < \frac{n-25}{-8}$ $n < -7$:



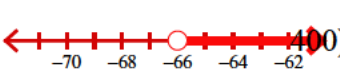
397) $\frac{-17+b}{4} > -24$ $b > -79$:



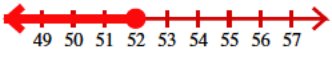
398) $\frac{r}{10} + 19 \le 13$ $r \le -60$:



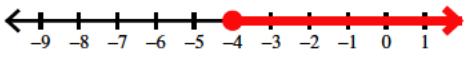
399) $\frac{x}{66} - 23 > -24$ $x > -66$:



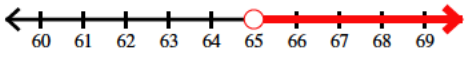
400) $-28 \ge \frac{n}{13} - 32$ $n \le 52$:



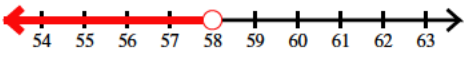
401) $-17b + 9 \le 77$



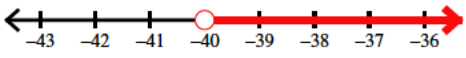
402) $12 + \frac{v}{-13} < 7$



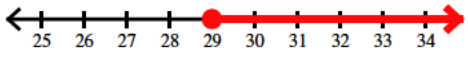
403) $1897 > -17 + 33x$



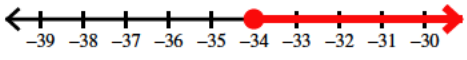
404) $38a - 6 > -1526$



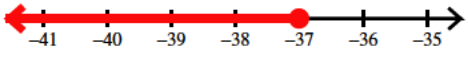
405) $\frac{1+k}{5} \ge 6$



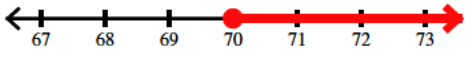
406) $-3 \le \frac{x-5}{13}$



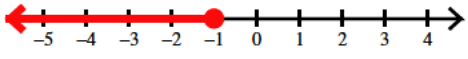
407) $-1 \ge \frac{x-18}{55}$



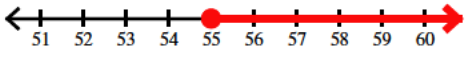
408) $2 \le \frac{-12+p}{29}$



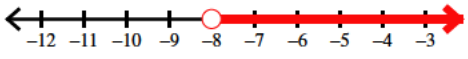
409) $\frac{n+13}{12} \le 1$



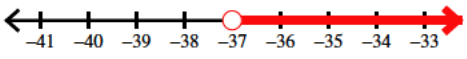
410) $32 + \frac{x}{55} \ge 33$



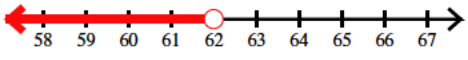
411) $39 > 35 + \frac{m}{-2}$



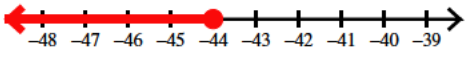
412) $446 > -35 - 13n$



413) $24 > \frac{r}{2} - 7$



414) $30 \le 28 + \frac{b}{-22}$



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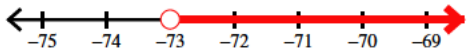
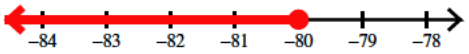
415) $-24 + 37v \geq 901$

416) $-39n - 13 < 2834$

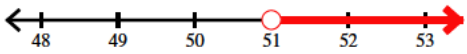


417) $\frac{x - 30}{-3} < -9$

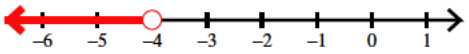
418) $-1 \geq \frac{-32 + a}{112}$



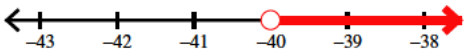
419) $12 + \frac{x}{51} > 13$



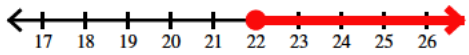
420) $\frac{-20 + x}{4} < -6$



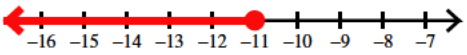
421) $-26 > -30 + \frac{n}{-10}$



422) $41 \leq \frac{m}{22} + 40$



423) $0 \leq \frac{11 + k}{-1}$

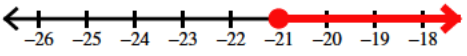


424) $\frac{p}{22} + 3 < 4$

425) $-97 \geq 38 - 9x$

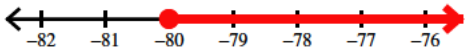
426) $216 < -15 - 3n$

427) $-165 \leq 24 + 9x$

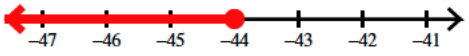


428) $40b - 31 < 3049$

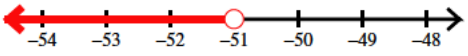
429) $-2 \leq \frac{16 + r}{32}$



430) $\frac{a}{4} + 31 \leq 20$



431) $-37 > \frac{-23 + v}{2}$



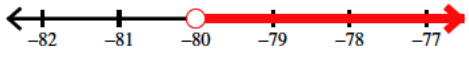
432) $-15 > -16 + \frac{x}{18}$

433) $5 \leq \frac{4 + n}{10}$

434) $23 + \frac{x}{-2} \geq 17$

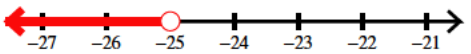
435) $39p + 31 \leq -671$

436) $\frac{a}{-5} - 20 < -4$

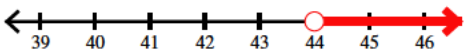


437) $56 < \frac{k}{2} + 19$

438) $-22x + 15 > 565$



439) $-1667 > -39 - 37n$



440) $-685 \geq 13r + 17$

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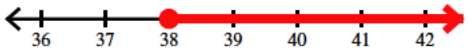
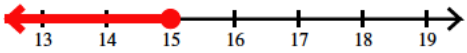
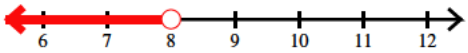
441) $-11 \geq \frac{m+6}{-4}$



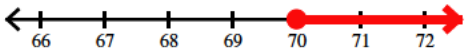
442) $\frac{x-25}{5} \leq -2$



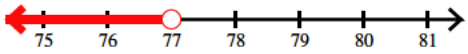
443) $5 > \frac{n}{4} + 3$



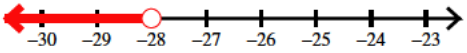
444) $37 \leq \frac{v}{7} + 27$



445) $2 > \frac{-19+b}{29}$

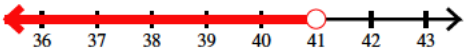


446) $-2 < -4 + \frac{n}{-14}$



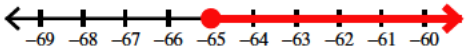
447) $38 + \frac{x}{-7} < 41$

448) $-40 - a > -81$

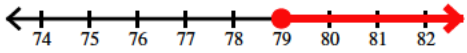


449) $-1302 > 24 - 39k$

450) $2143 \geq -33x - 2$



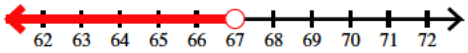
451) $\frac{x+38}{117} \geq 1$



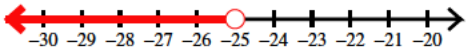
452) $\frac{n-27}{2} < -11$

453) $22 + \frac{m}{2} \leq 59$

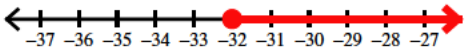
454) $1 > \frac{p-21}{46}$



455) $14 > \frac{x}{5} + 19$



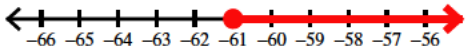
456) $\frac{n}{32} - 23 \geq -24$



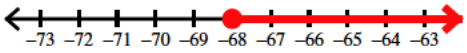
457) $\frac{b}{19} - 29 < -27$

458) $22 + 34r > 1076$

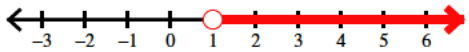
459) $250 \geq 6 - 4x$



460) $3n + 34 \geq -170$



461) $-35a - 20 < -55$



462) $\frac{37+x}{3} < 14$

463) $7 < \frac{v+2}{-8}$

464) $\frac{-23+x}{3} \leq -17$

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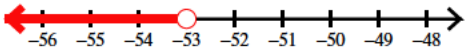
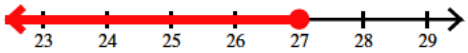
465) $-13 > -6 + \frac{a}{5}$

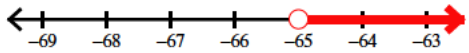
466) $\frac{k+15}{19} < -2$



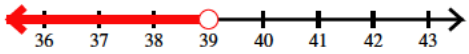
467) $-9 + \frac{p}{-27} \geq -10$



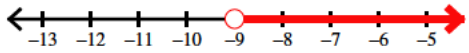
468) $16 < \frac{x}{5} + 29$



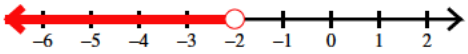
469) $34 > \frac{n}{3} + 21$



470) $-37r - 1 < 332$



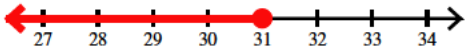
471) $38m + 15 < -61$



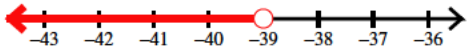
472) $-1670 \leq -31n - 27$

473) $386 \leq 26 + 6x$

474) $\frac{18+v}{7} \leq 7$



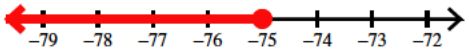
475) $\frac{12+b}{3} < -9$



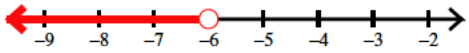
476) $\frac{x+26}{35} \geq 1$

477) $-7 > 10 + \frac{n}{4}$

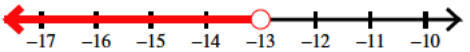
478) $\frac{a+30}{-3} \geq 15$



479) $9 < 6 + \frac{k}{-2}$

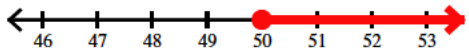


480) $36x - 3 < -471$

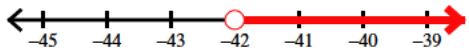


481) $\frac{x}{57} + 3 \leq 4$

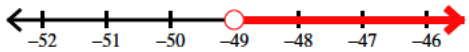
482) $258 \leq 5n + 8$



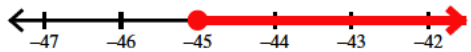
483) $1422 > -33m + 36$



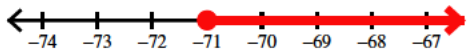
484) $19 + 10p > -471$



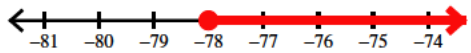
485) $\frac{x-29}{37} \geq -2$



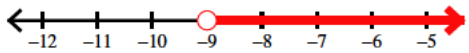
486) $-23 \leq \frac{n-21}{4}$



487) $-2 \leq \frac{22+b}{28}$



488) $\frac{-15+r}{12} > -2$



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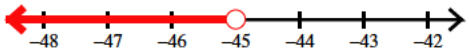
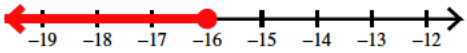
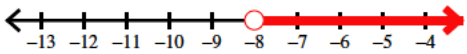
489) $-1810 > 40v - 10$



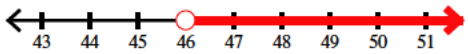
490) $22 \geq \frac{x}{4} + 26$



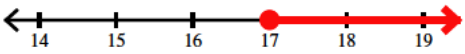
491) $25 + \frac{n}{8} > 24$



492) $-22 + \frac{a}{-2} < -45$



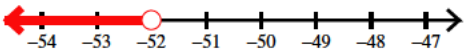
493) $1 + 8x \geq 137$



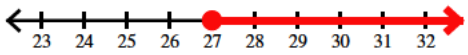
494) $14k - 25 \geq 1081$

495) $\frac{n - 24}{27} > -3$

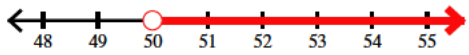
496) $-38 > -25 + \frac{x}{4}$



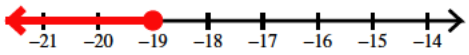
497) $\frac{-21 + p}{3} \geq 2$



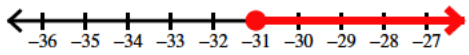
498) $\frac{n + 26}{19} > 4$



499) $3 \leq \frac{x - 17}{-12}$



500) $\frac{1 + m}{2} \geq -15$



Solve each inequality.

501) $\frac{x + 26}{4} < -14$ $x < -82$

502) $32 < \frac{n}{-177} + 33$ $n < 177$

503) $-58 > \frac{m}{56} - 60$ $m < 112$

504) $\frac{r}{15} + 48 > 51$ $r > 45$

505) $-12934 \leq 95x - 14$ $x \geq -136$

506) $-23b - 88 > -479$ $b < 17$

507) $65 < \frac{n}{66} + 62$ $n > 198$

508) $34 + 54x > -6230$ $x > -116$

509) $45 \leq \frac{-85 + v}{-3}$ $v \leq -50$

510) $\frac{-2 + n}{102} \geq 1$ $n \geq 104$

511) $\frac{a - 64}{3} \geq -9$ $a \geq 37$

512) $1 < \frac{v + 75}{-69}$ $v < -144$

513) $-31 \leq 7 + \frac{x}{-5}$ $x \leq 190$

514) $-86 + \frac{x}{9} > -85$ $x > 9$

515) $17 + \frac{n}{19} > 14$ $n > -57$

516) $-27p - 75 > -2667$ $p < 96$

517) $-14 + \frac{k}{161} \geq -13$ $k \geq 161$

518) $7128 \geq -12 - 84x$ $x \geq -85$

519) $52 + 56n \geq -8460$ $n \geq -152$

520) $-153 < -63r - 27$ $r < 2$

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521) $\frac{77+x}{-6} \geq -2$ $x \leq -65$

522) $\frac{n}{31} + 75 < 80$ $n < 155$

523) $2 > \frac{m-6}{88}$ $m < 182$

524) $\frac{v}{-93} + 84 > 85$ $v < -93$

525) $16 > \frac{b+94}{5}$ $b < -14$

526) $-9 + \frac{x}{-53} > -6$ $x < -159$

527) $-10589 \geq 70 + 57k$ $k \leq -187$

528) $5 + \frac{a}{2} < 2$ $a < -6$

529) $-808 < -5p - 73$ $p < 147$

530) $1 > 48 + \frac{n}{2}$ $n < -94$

531) $-5369 < -67x - 9$ $x < 80$

532) $16m - 88 \leq -2760$ $m \leq -167$

533) $\frac{n+73}{3} \geq -9$ $n \geq -100$

534) $18 < \frac{r-79}{5}$ $r > 169$

535) $\frac{-60+n}{-3} < 26$ $n > -18$

536) $-51 \leq \frac{x}{14} - 50$ $x \geq -14$

537) $-1 > 12 + \frac{b}{5}$ $b < -65$

538) $\frac{v}{59} + 36 \geq 39$ $v \geq 177$

539) $-5637 < 87 + 53x$ $x > -108$

540) $-2916 \leq 9 - 65a$ $a \leq 45$

541) $-4n - 55 < -503$ $n > 112$

542) $12x - 70 > 2306$ $x > 198$

543) $11 < 18 + \frac{n}{7}$ $n > -49$

544) $\frac{x-45}{29} \geq 3$ $x \geq 132$

545) $2 > \frac{74+v}{26}$ $v < -22$

546) $\frac{80+k}{3} \leq 55$ $k \leq 85$

547) $32 + \frac{p}{13} \leq 40$ $p \leq 104$

548) $76 > \frac{x}{41} + 74$ $x < 82$

549) $-8m - 37 \leq -1565$ $m \geq 191$

550) $-664 \leq 26 - 69r$ $r \leq 10$

551) $-4190 > 85 + 75x$ $x < -57$

552) $13n - 53 > -1665$ $n > -124$

553) $44 \geq \frac{n}{-48} + 41$ $n \geq -144$

554) $\frac{-48+b}{12} \geq 4$ $b \geq 96$

555) $2859 \geq 75 + 96v$ $v \leq 29$

556) $\frac{-89+a}{-87} \leq 1$ $a \geq 2$

557) $-39 < \frac{x+34}{3}$ $x > -151$

558) $97 \leq \frac{n}{61} + 94$ $n \geq 183$

559) $-92 + \frac{k}{65} > -93$ $k > -65$

560) $-102 < \frac{x}{-2} - 71$ $x < 62$

561) $-6630 > -98 + 71n$ $n < -92$

562) $47 \geq 16 + \frac{p}{5}$ $p \leq 155$

563) $14m - 35 \geq -2261$ $m \geq -159$

564) $-8196 \geq -47r + 29$ $r \geq 175$

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565) $1 \geq \frac{9+n}{-26}$ $n \geq -35$

566) $87 + 92x < -465$ $x < -6$

567) $-1 \geq \frac{v+3}{-202}$ $v \geq 199$

568) $2 < \frac{-26+b}{61}$ $b > 148$

569) $\frac{x}{-25} - 25 \leq -21$ $x \geq -100$

570) $\frac{a}{-13} + 94 < 87$ $a > 91$

571) $-2 > \frac{-5+n}{86}$ $n < -167$

572) $-1089 \geq -81 + 72k$ $k \leq -14$

573) $46 - 46x < -6394$ $x > 140$

574) $-96 + 93n < 6693$ $n < 73$

575) $31k - 32 \leq -3380$ $k \leq -108$

576) $4 + \frac{x}{2} < -93$ $x < -194$

577) $\frac{p-30}{-205} \geq 1$ $p \leq -175$

578) $\frac{m-9}{2} \leq 95$ $m \leq 199$

579) $14 < \frac{-87+x}{-3}$ $x < 45$

580) $-44 < \frac{65+n}{-6}$ $n < 199$

581) $\frac{r}{-66} + 57 > 55$ $r < 132$

582) $\frac{n}{4} + 66 < 37$ $n < -116$

583) $-34 \geq \frac{x}{-7} - 41$ $x \geq -49$

584) $-5141 < 59 - 50b$ $b < 104$

585) $33x - 15 \leq -972$ $x \leq -29$

586) $82 \leq 81 + \frac{v}{38}$ $v \geq 38$

587) $-5495 > 44 - 29x$ $x > 191$

588) $-11378 > -94 - 91a$ $a > 124$

589) $\frac{-8+p}{33} \leq -4$ $p \leq -124$

590) $\frac{-70+x}{-3} \leq -9$ $x \geq 97$

591) $-8 \leq \frac{30+k}{11}$ $k \geq -118$

592) $-1 > \frac{n+70}{-100}$ $n > 30$

593) $60 \geq \frac{m}{2} + 62$ $m \leq -4$

594) $\frac{x}{8} + 11 > -12$ $x > -184$

595) $29n + 3 > -1853$ $n > -64$

596) $40 + \frac{r}{-3} < -21$ $r > 183$

597) $-8086 \geq -76 - 90v$ $v \geq 89$

598) $23 \geq \frac{b}{-9} + 16$ $b \geq -63$

599) $1954 \geq 46 - 12n$ $n \geq -159$

600) $\frac{50+x}{12} \geq 6$ $x \geq 22$

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