

One-step equations - multiply and divide - fractions

Solve each equation.

$$1) \frac{3}{4}r = -\frac{3}{2}$$

$$2) \frac{7}{5}x = \frac{8}{5}$$

$$3) \frac{5}{7}n = \frac{45}{28}$$

$$4) 6a = 21$$

$$5) \frac{8}{3}v = 8\frac{2}{3}$$

$$6) -\frac{5}{3}x = -2\frac{1}{6}$$

$$7) -3\frac{3}{8}x = 3\frac{3}{4}$$

$$8) \frac{2k}{5} = 0$$

$$9) \frac{2p}{7} = \frac{3}{35}$$

$$10) \frac{5}{4}n = 1\frac{23}{32}$$

$$11) -\frac{5}{4}m = 0$$

$$12) 3\frac{1}{4}x = 6\frac{1}{28}$$

$$13) -\frac{4}{5}n = -\frac{32}{25}$$

$$14) \frac{7}{4}r = 1\frac{17}{32}$$

$$15) -\frac{7}{12}x = -\frac{21}{20}$$

$$16) 1\frac{5}{8}n = \frac{221}{48}$$

$$17) -1\frac{7}{9}b = \frac{56}{9}$$

$$18) 2x = 1$$

$$19) -\frac{10}{11}v = \frac{85}{33}$$

$$20) 3n = -12\frac{3}{8}$$

$$21) 4\frac{3}{4}k = -4\frac{2}{9}$$

$$22) -3\frac{3}{4}a = -14\frac{1}{16}$$

$$23) -\frac{5}{2}p = 4\frac{13}{18}$$

$$24) \frac{3}{8}m = \frac{3}{8}$$

$$25) -\frac{8}{7}n = \frac{8}{21}$$

$$26) \frac{7}{9}x = -2\frac{11}{54}$$

$$27) 2\frac{2}{9}r = \frac{125}{18}$$

$$28) 1\frac{1}{7}b = 2\frac{6}{49}$$

$$29) \frac{10x}{11} = 2\frac{37}{44}$$

$$30) 10n = 27\frac{7}{9}$$

$$31) 1\frac{1}{4}r = 7\frac{3}{8}$$

$$32) 3a = -8$$

33) $-\frac{5}{7}v = \frac{23}{14}$

34) $5\frac{1}{4}x = -9\frac{3}{16}$

35) $\frac{6n}{17} = \frac{3}{17}$

36) $\frac{1}{4}x = 1\frac{5}{14}$

37) $-\frac{17}{9}x = 6\frac{5}{36}$

38) $\frac{2k}{3} = \frac{3}{5}$

39) $\frac{2}{3}p = \frac{16}{15}$

40) $\frac{10n}{37} = \frac{15}{37}$

41) $\frac{2}{3}x = 3\frac{14}{15}$

42) $\frac{5m}{7} = 0$

43) $2\frac{3}{4}n = \frac{77}{12}$

44) $-\frac{2}{7}x = \frac{13}{28}$

45) $\frac{9}{8}n = \frac{9}{8}$

46) $\frac{6r}{11} = -1\frac{1}{77}$

47) $\frac{8}{9}b = \frac{8}{9}$

48) $2\frac{1}{2}n = -2$

49) $\frac{2}{3}a = -\frac{3}{4}$

50) $\frac{2x}{5} = \frac{1}{3}$

51) $\frac{9v}{34} = \frac{279}{238}$

52) $\frac{8}{5}k = -1\frac{1}{15}$

53) $\frac{5p}{36} = \frac{1}{6}$

54) $-2\frac{1}{7}n = \frac{25}{14}$

55) $\frac{6x}{29} = \frac{9}{145}$

56) $\frac{9}{14}x = 0$

57) $-\frac{1}{4}m = -\frac{7}{6}$

58) $\frac{2n}{7} = \frac{3}{7}$

59) $-8r = \frac{224}{9}$

60) $4\frac{1}{2}b = -\frac{27}{5}$

61) $2\frac{1}{3}r = -2\frac{4}{5}$

62) $-\frac{5}{3}n = -\frac{10}{27}$

63) $-\frac{4}{7}x = \frac{48}{49}$

64) $1\frac{6}{7}v = 1\frac{5}{21}$

65) $\frac{5a}{23} = -\frac{5}{161}$

66) $\frac{10k}{19} = 0$

67) $-1\frac{7}{8}x = -\frac{185}{24}$

68) $-\frac{8}{3}x = -6\frac{10}{21}$

69) $\frac{5}{2}n = 4\frac{3}{8}$

70) $-1\frac{1}{2}p = 1\frac{2}{7}$

71) $-3\frac{1}{4}x = \frac{52}{7}$

72) $\frac{4n}{41} = -\frac{8}{123}$

73) $-\frac{5}{9}m = -\frac{5}{9}$

74) $\frac{3}{5}r = 2\frac{22}{25}$

75) $5\frac{1}{7}x = -6\frac{2}{7}$

76) $2\frac{4}{7}n = -3\frac{3}{5}$

77) $\frac{8}{3}b = -18\frac{2}{3}$

78) $-\frac{5}{8}v = \frac{5}{16}$

79) $\frac{5}{8}x = \frac{5}{64}$

80) $2\frac{1}{2}n = 5$

81) $\frac{2}{3}a = \frac{11}{6}$

82) $\frac{4k}{11} = -1\frac{37}{99}$

83) $\frac{3}{5}x = -\frac{1}{5}$

84) $\frac{13}{7}n = -13$

85) $\frac{4p}{19} = \frac{28}{95}$

86) $-\frac{2}{5}n = \frac{7}{15}$

87) $-3\frac{5}{7}m = -\frac{13}{7}$

88) $\frac{9r}{23} = \frac{6}{23}$

89) $\frac{9x}{14} = -\frac{45}{56}$

90) $-\frac{3}{2}b = \frac{1}{2}$

91) $3\frac{1}{3}v = -1$

92) $\frac{5n}{7} = \frac{13}{14}$

93) $\frac{4x}{9} = -\frac{2}{45}$

94) $5\frac{1}{6}a = \frac{124}{3}$

95) $\frac{11}{6}v = 3\frac{35}{36}$

96) $\frac{12}{7}x = \frac{12}{35}$

97) $\frac{8x}{33} = -\frac{8}{33}$

98) $\frac{9n}{44} = \frac{5}{22}$

99) $1\frac{1}{10}k = -\frac{77}{25}$

100) $5\frac{9}{10}p = 4\frac{17}{40}$

101) $\frac{1}{2}x = \frac{53}{20}$

102) $\frac{12n}{59} = \frac{4}{177}$

103) $5\frac{6}{11}r = 5\frac{6}{11}$

104) $\frac{15m}{104} = -\frac{63}{208}$

105) $-\frac{9}{8}x = -8\frac{7}{16}$

106) $-\frac{15}{154} = -\frac{3}{11}n$

107) $-3\frac{3}{20} = -\frac{7}{12}b$

108) $-1\frac{23}{54} = 1\frac{5}{6}x$

109) $58 = 7\frac{1}{3}n$

110) $\frac{4v}{15} = \frac{16}{27}$

111) $-\frac{70}{9} = 5k$

112) $\frac{14}{13}a = -\frac{35}{39}$

113) $\frac{13}{30} = \frac{13p}{40}$

114) $-31\frac{7}{9} = 2\frac{4}{9}x$

115) $2\frac{4}{9} = -1\frac{5}{6}n$

116) $-\frac{5}{4}m = 1\frac{7}{8}$

117) $\frac{r}{2} = -\frac{2}{7}$

118) $\frac{x}{2} = 7\frac{1}{2}$

119) $\frac{23}{40} = 5\frac{3}{4}n$

120) $4\frac{14}{15}b = -9\frac{13}{15}$

121) $\frac{33}{19} = \frac{11v}{38}$

122) $2n = 0$

123) $87\frac{9}{11} = 14x$

124) $4\frac{37}{42} = -1\frac{3}{7}a$

125) $-2\frac{3}{10}v = -5\frac{7}{40}$

126) $-9\frac{1}{6} = -\frac{3}{2}x$

127) $-\frac{3}{4}x = -\frac{75}{16}$

128) $-\frac{29}{120} = -2\frac{5}{12}p$

129) $\frac{5}{7}n = -1\frac{71}{84}$

130) $\frac{1537}{150} = 5\frac{3}{10}k$

131) $\frac{9x}{37} = -\frac{57}{148}$

132) $-2r = -1$

133) $-\frac{2}{3}m = -4\frac{20}{33}$

134) $9\frac{5}{9} = 6\frac{1}{7}x$

135) $\frac{12n}{17} = 2\frac{22}{85}$

136) $\frac{4n}{21} = \frac{208}{315}$

137) $-\frac{17}{20} = -\frac{3}{5}n$

138) $\frac{28}{69} = -\frac{14}{23}b$

139) $3\frac{2}{3} = -\frac{3}{2}v$

140) $\frac{11}{7}x = \frac{451}{42}$

141) $1\frac{3}{4} = -\frac{7}{4}x$

142) $-\frac{243}{710} = \frac{9k}{71}$

143) $\frac{13a}{48} = \frac{13}{96}$

144) $\frac{6p}{43} = \frac{252}{559}$

145) $\frac{3}{5}n = \frac{39}{5}$

146) $-\frac{1}{3} = \frac{2m}{3}$

147) $\frac{4r}{9} = \frac{28}{45}$

148) $\frac{5}{2}x = 2\frac{3}{11}$

149) $\frac{27}{88} = \frac{3}{11}n$

150) $-\frac{15}{8}b = 3\frac{3}{4}$

151) $\frac{14}{29} = \frac{7x}{29}$

152) $13\frac{1}{33} = \frac{5}{3}v$

153) $-10\frac{19}{28} = 3\frac{1}{4}n$

154) $2\frac{5}{6}a = 2\frac{7}{39}$

155) $\frac{5}{2} = -\frac{5}{3}k$

156) $-\frac{13}{2}x = -10\frac{1}{9}$

157) $\frac{2x}{11} = -\frac{47}{77}$

158) $-3\frac{1}{12}n = -\frac{37}{54}$

159) $-1\frac{8}{15} = -\frac{2}{3}k$

160) $-\frac{1}{2}p = -\frac{3}{4}$

161) $\frac{x}{2} = \frac{12}{13}$

162) $-\frac{65}{18} = \frac{5n}{18}$

163) $\frac{25}{42} = \frac{5}{7}m$

164) $\frac{25}{4} = 6\frac{1}{4}r$

165) $-3\frac{4}{15}x = -\frac{98}{3}$

166) $\frac{11}{7}n = -3$

167) $\frac{49}{54} = -\frac{7}{6}b$

168) $6\frac{9}{10}v = -68\frac{11}{80}$

169) $\frac{150}{7} = 4\frac{2}{7}x$

170) $5\frac{5}{6} = -\frac{14}{9}x$

171) $\frac{6}{5}a = -\frac{118}{25}$

172) $\frac{3}{4}k = -6$

173) $-1\frac{1}{5}p = -\frac{2}{5}$

174) $27\frac{1}{2} = 7\frac{1}{2}x$

175) $-\frac{11}{7}r = 6$

176) $7\frac{11}{12}n = 1\frac{47}{48}$

177) $1\frac{67}{308} = \frac{15m}{88}$

178) $\frac{13}{8}x = \frac{39}{16}$

179) $-\frac{6}{7} = \frac{6}{7}b$

180) $\frac{4}{9} = \frac{x}{2}$

181) $\frac{1060}{121} = 1\frac{9}{11}n$

182) $-\frac{4}{5}v = \frac{4}{15}$

183) $7\frac{2}{3}n = -3\frac{5}{6}$

184) $6\frac{3}{13}a = \frac{891}{91}$

185) $1\frac{4}{17} = \frac{10k}{51}$

186) $\frac{13x}{34} = 2\frac{263}{408}$

187) $-\frac{1}{6}n = \frac{13}{6}$

188) $\frac{45}{64} = \frac{9x}{16}$

189) $\frac{11}{8}k = 3\frac{7}{16}$

190) $\frac{5p}{18} = 1\frac{47}{48}$

191) $-1\frac{1}{11} = \frac{n}{2}$

192) $\frac{15x}{119} = -\frac{90}{833}$

193) $-\frac{2}{15}m = \frac{13}{60}$

194) $0 = \frac{10}{7}n$

195) $3\frac{4}{11}r = \frac{703}{55}$

196) $\frac{28}{333} = \frac{14x}{111}$

197) $\frac{14}{45} = \frac{7b}{20}$

198) $2\frac{13}{54} = -\frac{11}{9}v$

199) $\frac{7}{6} = \frac{7}{6}x$

200) $-\frac{3}{5} = \frac{3}{5}x$

201) $\frac{7}{25} = \frac{7k}{20}$

202) $\frac{261}{224} = \frac{9a}{14}$

203) $-\frac{65}{126} = -3\frac{11}{18}p$

204) $-4\frac{8}{19} = -\frac{3}{2}x$

205) $\frac{6n}{53} = -\frac{66}{371}$

206) $\frac{2r}{3} = \frac{7}{6}$

207) $-\frac{11}{9} = 1\frac{5}{6}x$

208) $-\frac{4}{5} = \frac{1}{2}n$

209) $\frac{10}{3}b = 5\frac{1}{3}$

210) $11\frac{5}{7} = \frac{4}{3}m$

211) $-\frac{178}{39} = \frac{2}{3}v$

212) $\frac{1}{66} = \frac{x}{12}$

213) $0 = -\frac{5}{3}a$

214) $6\frac{11}{20}n = -2\frac{73}{160}$

215) $-4\frac{7}{80} = -\frac{3}{5}k$

216) $1 = 1\frac{1}{5}x$

217) $-\frac{25}{61} = \frac{20x}{61}$

218) $-1\frac{2}{3}n = -1\frac{1}{2}$

219) $-1 = -\frac{7}{10}m$

220) $\frac{7}{16} = \frac{p}{2}$

221) $2\frac{13}{19} = -\frac{16}{19}n$

222) $\frac{3}{5}x = 5\frac{7}{16}$

223) $1\frac{9}{17}m = \frac{364}{187}$

224) $-8b = 10$

225) $11\frac{11}{32} = 5\frac{1}{2}r$

226) $-1\frac{37}{39} = \frac{19}{18}x$

227) $\frac{17}{2} = \frac{17}{3}n$

228) $\frac{4700}{247} = 9\frac{17}{19}v$

229) $-1\frac{283}{320} = 4\frac{3}{16}x$

230) $-\frac{4}{11} = -2x$

231) $-\frac{18}{29}a = \frac{18}{29}$

232) $\frac{9}{152} = -\frac{3}{16}k$

233) $2p = \frac{52}{17}$

234) $18\frac{11}{18}x = 61\frac{1}{324}$

235) $\frac{8}{19} = \frac{6n}{19}$

236) $\frac{17}{9}r = \frac{17}{45}$

237) $-2m = \frac{78}{17}$

238) $-\frac{284}{5} = 9\frac{7}{15}x$

239) $-18x = -190$

240) $2\frac{9}{13}n = 3\frac{1}{2}$

241) $-55\frac{13}{14} = -9b$

242) $-6\frac{27}{28} = -\frac{15}{14}v$

243) $\frac{8}{11} = -\frac{2}{5}a$

244) $\frac{460}{187} = -\frac{20}{17}n$

245) $\frac{153}{190} = \frac{17x}{38}$

246) $\frac{12k}{25} = 5\frac{1}{25}$

247) $\frac{1}{15}x = -\frac{1}{24}$

248) $-\frac{19}{12}n = -\frac{817}{54}$

249) $\frac{p}{20} = \frac{9}{340}$

250) $\frac{17m}{42} = -\frac{17}{168}$

251) $-\frac{32}{25} = \frac{4}{5}x$

252) $-\frac{5}{16}n = \frac{5}{48}$

253) $-\frac{275}{98} = -\frac{25}{14}m$

254) $\frac{9x}{19} = \frac{55}{19}$

255) $-\frac{6}{7}r = -4\frac{17}{49}$

256) $\frac{14n}{47} = 2\frac{2}{13}$

257) $10\frac{182}{187} = 10\frac{4}{11}b$

258) $\frac{784}{19} = -14v$

259) $-\frac{13}{15}x = \frac{104}{285}$

260) $-\frac{3}{10} = \frac{11x}{70}$

261) $-3 = \frac{5}{3}k$

262) $\frac{9a}{37} = \frac{168}{185}$

263) $-4x = -28$

264) $\frac{21}{11}p = \frac{21}{176}$

265) $\frac{3n}{8} = -4\frac{7}{8}$

266) $\frac{77}{292} = \frac{11m}{73}$

267) $5\frac{5}{8}r = -10\frac{13}{32}$

268) $\frac{576}{13} = 4\frac{8}{13}x$

269) $\frac{5}{8}n = 6\frac{11}{24}$

270) $\frac{12}{5}v = \frac{8}{15}$

271) $\frac{7}{10}x = \frac{7}{6}$

272) $-\frac{148}{35} = -\frac{8}{5}b$

273) $8n = -\frac{34}{3}$

274) $\frac{112}{81} = \frac{8a}{9}$

275) $1\frac{4}{7}x = \frac{1408}{133}$

276) $-\frac{5}{4}k = -10\frac{35}{36}$

277) $2\frac{1}{20} = \frac{1}{5}x$

278) $\frac{2}{45} = \frac{p}{9}$

279) $5\frac{5}{9}n = -5\frac{5}{9}$

280) $5x = 1\frac{1}{14}$

281) $\frac{7m}{20} = -\frac{14}{65}$

282) $-\frac{7}{22} = \frac{r}{2}$

283) $8\frac{6}{7}n = 26\frac{4}{7}$

284) $\frac{1269}{40} = 6\frac{3}{4}b$

285) $2x = 11\frac{11}{17}$

286) $\frac{493}{4} = 7\frac{1}{4}n$

287) $-12v = 29\frac{11}{17}$

288) $9\frac{8}{9}b = \frac{6764}{63}$

289) $\frac{20}{87} = \frac{4x}{29}$

290) $\frac{8x}{43} = -\frac{134}{215}$

291) $15\frac{1}{6} = -\frac{7}{6}a$

292) $-\frac{2}{3}k = -\frac{41}{9}$

293) $-5m = 1\frac{3}{7}$

294) $8\frac{7}{20}p = \frac{8183}{160}$

295) $12\frac{6}{17} = 6x$

296) $-\frac{13}{8}n = -1\frac{27}{64}$

297) $-3\frac{3}{5} = -3\frac{3}{5}r$

298) $26\frac{19}{42} = 3\frac{2}{3}x$

299) $\frac{19n}{51} = -\frac{38}{459}$

300) $\frac{5b}{8} = 1\frac{1}{24}$

301) $4\frac{3}{8}v = -\frac{35}{128}$

302) $1\frac{13}{225} = \frac{14}{9}x$

303) $\frac{a}{7} = \frac{377}{175}$

304) $\frac{228}{23} = -12n$

305) $-17\frac{13}{22} = -\frac{21}{11}x$

306) $\frac{30k}{373} = \frac{15}{373}$

307) $\frac{23}{13}x = \frac{14237}{312}$

308) $\frac{23m}{229} = 1\frac{1159}{2061}$

309) $-\frac{952}{171} = \frac{4n}{9}$

310) $\frac{16p}{43} = \frac{4}{43}$

311) $-38\frac{1}{3} = 10x$

312) $-\frac{777}{650} = -\frac{37}{26}n$

313) $\frac{377}{1634} = \frac{29x}{86}$

314) $7\frac{329}{340} = \frac{9}{17}r$

315) $\frac{19}{26}b = \frac{722}{91}$

316) $-1\frac{41}{56} = 4\frac{13}{21}n$

317) $\frac{17}{6} = 2b$

318) $-2v = 50$

319) $\frac{3}{55} = \frac{x}{22}$

320) $\frac{15x}{29} = -\frac{9}{58}$

321) $\frac{217}{5} = 6\frac{1}{5}a$

323) $-\frac{40}{27}k = -\frac{488}{45}$

325) $-16r = -184$

327) $\frac{29}{55}n = 6\frac{743}{1650}$

329) $\frac{161}{648} = -\frac{23}{36}n$

331) $\frac{3143}{40} = 5\frac{1}{4}v$

333) $-43\frac{3}{7} = 16n$

335) $-\frac{32}{19}x = -\frac{96}{133}$

337) $\frac{2n}{9} = 0$

339) $\frac{11}{6}p = 6\frac{5}{12}$

341) $\frac{35}{2} = 12n$

343) $-\frac{14}{11} = \frac{7}{11}r$

345) $47\frac{53}{221} = -\frac{30}{17}n$

347) $-\frac{3}{2}a = \frac{1}{4}$

349) $\frac{30v}{67} = \frac{4}{67}$

351) $-\frac{2}{3}a = -7\frac{7}{18}$

353) $21\frac{1}{7} = 6x$

355) $-\frac{95}{78} = \frac{19}{13}n$

322) $19x = 0$

324) $\frac{17}{24}p = -\frac{51}{56}$

326) $3\frac{11}{20}m = -\frac{2627}{480}$

328) $\frac{900}{31} = -\frac{30}{31}x$

330) $\frac{533}{680} = \frac{13b}{170}$

332) $4\frac{23}{25}x = -1\frac{37}{45}$

334) $-\frac{2}{35} = \frac{k}{5}$

336) $\frac{12a}{127} = \frac{32}{381}$

338) $\frac{224}{39} = 24\frac{8}{9}x$

340) $\frac{203}{216} = \frac{7}{12}m$

342) $11\frac{3}{5}x = 159\frac{52}{75}$

344) $\frac{15b}{41} = \frac{6}{41}$

346) $11\frac{451}{810} = \frac{37}{27}x$

348) $-176\frac{2}{9} = -26x$

350) $\frac{20x}{37} = -4\frac{32}{37}$

352) $9\frac{15}{23}k = -\frac{6068}{207}$

354) $\frac{13p}{17} = \frac{2951}{408}$

356) $\frac{7}{8}m = -\frac{7}{104}$

357) $\frac{x}{15} = \frac{1}{105}$

358) $16\frac{16}{19} = -20r$

359) $14 = 2v$

360) $-\frac{209}{1813} = \frac{19n}{259}$

361) $-\frac{47}{275} = \frac{1}{11}x$

362) $-1 = 2k$

363) $\frac{12n}{19} = 1$

364) $155\frac{127}{168} = 15\frac{11}{12}b$

365) $\frac{5a}{22} = \frac{25}{154}$

366) $2\frac{4}{5} = -\frac{7}{5}x$

367) $\frac{205}{64} = -\frac{15}{8}x$

368) $\frac{27}{5}n = \frac{27}{35}$

369) $\frac{108}{1519} = \frac{18m}{217}$

370) $\frac{n}{19} = \frac{9}{133}$

371) $14\frac{28}{125} = 12\frac{7}{10}p$

372) $\frac{66677}{900} = 9\frac{29}{30}x$

373) $\frac{b}{14} = \frac{93}{224}$

374) $\frac{25584}{437} = 4\frac{12}{23}x$

375) $15\frac{13}{16}n = -\frac{253}{256}$

376) $\frac{4r}{21} = 2\frac{410}{441}$

377) $\frac{a}{2} = -12\frac{1}{2}$

378) $69 = 10\frac{2}{9}x$

379) $\frac{13}{14}v = 4\frac{25}{49}$

380) $\frac{243}{2842} = \frac{18x}{203}$

381) $-24a = -11\frac{5}{9}$

382) $-\frac{3}{4}p = -\frac{1}{8}$

383) $\frac{247}{3996} = \frac{19k}{148}$

384) $8\frac{3}{22}n = 16\frac{3}{11}$

385) $\frac{19x}{45} = \frac{2413}{1305}$

386) $2\frac{11}{14}m = -2\frac{11}{14}$

387) $\frac{x}{7} = -\frac{1}{7}$

388) $\frac{5r}{66} = \frac{100}{429}$

389) $\frac{17}{11}n = 9\frac{9}{220}$

390) $\frac{2006}{405} = 8\frac{20}{27}v$

391) $\frac{175}{16} = 9\frac{3}{8}b$

392) $-\frac{100}{789} = \frac{20x}{263}$

393) $\frac{10n}{51} = \frac{55}{153}$

394) $\frac{16}{49} = -\frac{16}{21}k$

395) $-\frac{255}{133} = \frac{15}{7}a$

396) $\frac{446}{11} = 4p$

397) $-\frac{20}{39} = \frac{4}{3}x$

398) $-\frac{25}{278} = \frac{25n}{278}$

399) $\frac{2}{5} = -\frac{1}{2}p$

400) $\frac{16}{11}m = -1\frac{49}{55}$

401) $3\frac{51}{145} = 2\frac{23}{29}x$

402) $1\frac{5241}{12719} = \frac{40n}{553}$

403) $4\frac{23}{38}r = 96\frac{27}{38}$

404) $\frac{19b}{60} = -\frac{19}{930}$

405) $-29\frac{71}{84} = -\frac{23}{14}n$

406) $2\frac{29}{30} = -2\frac{29}{30}x$

407) $\frac{18v}{139} = -\frac{294}{1529}$

408) $\frac{8a}{55} = \frac{8}{1375}$

409) $\frac{20493}{74} = 16\frac{29}{37}x$

410) $40\frac{2}{7} = -24n$

411) $-\frac{7}{4}x = -\frac{35}{9}$

412) $\frac{6k}{7} = 1\frac{1}{14}$

413) $-26\frac{11}{36}x = 0$

414) $\frac{25p}{491} = -\frac{350}{491}$

415) $-\frac{11}{15}n = -\frac{44}{57}$

416) $-\frac{32}{17}m = -5\frac{75}{289}$

417) $-\frac{13}{10}r = \frac{1261}{400}$

418) $\frac{24x}{47} = \frac{840}{1081}$

419) $-\frac{2}{3} = -1\frac{2}{3}n$

420) $-\frac{4}{11} = \frac{4}{11}v$

421) $5\frac{59}{143} = \frac{9}{22}b$

422) $3x = \frac{186}{19}$

423) $-30 = -30p$

424) $\frac{4867}{4181} = \frac{31n}{339}$

425) $14\frac{1}{2}a = -26\frac{1}{10}$

426) $-\frac{2596}{147} = 11\frac{5}{21}k$

427) $-\frac{30}{31} = \frac{30}{31}n$

428) $-\frac{11}{15}x = -\frac{121}{435}$

429) $14\frac{4}{9}m = 12\frac{23}{36}$

430) $18\frac{11}{20}p = \frac{371}{10}$

431) $16\frac{5}{38}x = 213\frac{529}{1330}$

432) $2\frac{3}{8}r = 2\frac{3}{8}$

433) $-\frac{9}{13}n = -\frac{99}{104}$

434) $-4\frac{4}{55} = -\frac{28}{11}b$

435) $\frac{22}{27}x = \frac{220}{243}$

436) $\frac{n}{2} = \frac{235}{24}$

437) $\frac{17}{28}a = 9\frac{241}{504}$

438) $-\frac{7}{13}v = -\frac{2653}{429}$

439) $\frac{5}{3}x = -3\frac{34}{117}$

440) $14\frac{22}{25}x = \frac{2976}{475}$

441) $\frac{880}{1053} = \frac{5n}{39}$

442) $\frac{24k}{79} = 2\frac{466}{2923}$

443) $\frac{11}{7}x = \frac{2453}{126}$

444) $-\frac{17}{9}p = -18\frac{5}{12}$

445) $20\frac{7}{32}n = 15\frac{11}{560}$

446) $\frac{758}{891} = \frac{4m}{81}$

447) $\frac{341}{21} = \frac{11}{21}r$

448) $\frac{8}{11} = -2x$

449) $-\frac{5}{124} = \frac{1}{31}b$

450) $-14\frac{19}{52} = -\frac{21}{13}n$

451) $\frac{11v}{28} = -\frac{143}{840}$

452) $-28\frac{7}{23} = \frac{21x}{23}$

453) $-\frac{17}{28} = -\frac{1}{20}a$

454) $-\frac{248}{185} = \frac{40n}{111}$

455) $-\frac{1445}{38} = -\frac{35}{19}k$

456) $-\frac{610}{3379} = \frac{10p}{109}$

457) $\frac{504}{3355} = \frac{28x}{305}$

458) $1\frac{9}{55} = \frac{8}{5}n$

459) $\frac{13}{153} = \frac{13}{9}m$

460) $\frac{1}{37}r = -\frac{3}{74}$

461) $\frac{27}{193} = \frac{27n}{386}$

462) $-\frac{17}{32}x = -10\frac{845}{1216}$

463) $66\frac{37}{50} = 16\frac{23}{25}r$

464) $\frac{7b}{107} = \frac{679}{1070}$

465) $-\frac{19}{36}x = \frac{19}{108}$

466) $\frac{17}{14}n = \frac{51}{28}$

467) $-\frac{646}{657} = \frac{34a}{657}$

468) $\frac{95}{21} = 15\frac{5}{6}v$

469) $-\frac{47}{72} = -\frac{1}{12}x$

470) $-\frac{83}{6} = -\frac{7}{4}x$

471) $-1\frac{35}{108} = -\frac{11}{8}n$

472) $\frac{33}{322} = \frac{33k}{322}$

473) $5\frac{11}{12}p = \frac{1207}{12}$

474) $7\frac{16}{31}x = -10\frac{2}{93}$

475) $-31\frac{1}{29} = 8\frac{1}{3}n$

476) $4\frac{17}{36} = -\frac{7}{6}m$

477) $-\frac{40}{3}r = \frac{200}{39}$

478) $\frac{57285}{154} = 18\frac{3}{11}x$

479) $-40\frac{1}{44} = 19\frac{17}{30}n$

480) $-29b = -\frac{5539}{16}$

481) $\frac{10}{11}v = \frac{95}{88}$

482) $-\frac{13}{21}x = -\frac{26}{31}$

483) $\frac{21}{58} = -2\frac{26}{29}a$

484) $5\frac{11}{18}n = \frac{1313}{144}$

485) $11\frac{5}{8}k = 228\frac{5}{8}$

486) $-\frac{2349}{40} = 27p$

487) $\frac{27}{17}n = 18\frac{45}{272}$

488) $-17\frac{13}{58} = -\frac{37}{29}x$

489) $12\frac{5}{36}m = -\frac{8303}{252}$

490) $17\frac{13}{15}r = 393\frac{1}{15}$

491) $\frac{13}{10} = \frac{13}{6}x$

492) $-\frac{5}{9}n = -3\frac{5}{12}$

493) $2\frac{23}{24}b = -\frac{923}{192}$

494) $10\frac{19}{34}r = \frac{40567}{255}$

495) $\frac{14x}{209} = \frac{4}{1045}$

496) $\frac{33n}{466} = 2\frac{223}{466}$

497) $\frac{4a}{67} = \frac{187}{201}$

498) $\frac{37}{23}v = 1\frac{33}{115}$

499) $-\frac{11}{12}x = -\frac{5}{24}$

500) $\frac{13x}{35} = 7\frac{293}{1260}$

501) $-\frac{21}{5}k = -\frac{833}{10}$

502) $\frac{18n}{77} = -\frac{1530}{3619}$

503) $\frac{10}{31}p = -\frac{210}{527}$

504) $-\frac{119}{87} = 1\frac{1}{6}x$

505) $\frac{31}{275} = \frac{31n}{352}$

506) $-\frac{3344}{15617} = \frac{44r}{679}$

507) $-\frac{19}{1530} = \frac{19m}{255}$

508) $-1\frac{8}{13} = -\frac{9}{5}x$

509) $\frac{765}{704} = \frac{51}{44}n$

510) $\frac{1424}{3059} = \frac{8v}{161}$

511) $-\frac{11}{17}b = \frac{11}{782}$

512) $\frac{41}{46}a = 14\frac{503}{828}$

513) $-3\frac{391}{399} = \frac{4}{21}n$

514) $\frac{2123}{4170} = \frac{33x}{695}$

515) $\frac{22k}{65} = \frac{4323}{520}$

516) $\frac{10p}{11} = \frac{6}{11}$

517) $\frac{91}{1336} = \frac{35x}{668}$

518) $551\frac{47}{65} = 41\frac{7}{10}n$

519) $14\frac{3}{50}m = 22\frac{587}{900}$

520) $\frac{23}{60} = \frac{23}{25}r$

521) $\frac{4056}{473} = \frac{24}{43}x$

522) $\frac{37n}{313} = \frac{518}{2817}$

523) $-\frac{595}{48} = 9\frac{11}{12}b$

524) $\frac{45}{37}v = 7\frac{406}{407}$

525) $16\frac{23}{25}a = 16\frac{23}{25}$

526) $-\frac{4}{5}x = -13\frac{133}{155}$

527) $\frac{50n}{1253} = \frac{4400}{5191}$

528) $4\frac{3}{50}v = 4\frac{1571}{2500}$

529) $-\frac{35}{39} = -\frac{70}{39}x$

530) $\frac{7}{4}x = -2\frac{3}{8}$

531) $-\frac{39}{67}n = -1\frac{8}{67}$

532) $-\frac{35}{27}k = -10\frac{625}{648}$

533) $\frac{6175}{1269} = -3\frac{14}{27}x$

534) $25\frac{1}{3}p = \frac{15751}{36}$

535) $-1\frac{5}{11} = 2n$

536) $-\frac{41}{300} = -\frac{41}{40}m$

537) $-987\frac{227}{512} = -40\frac{9}{16}r$

538) $4\frac{1}{5}x = 6\frac{141}{155}$

539) $6\frac{12}{29}n = 12\frac{89}{145}$

540) $5b = 87\frac{13}{16}$

541) $\frac{17}{18}x = -\frac{17}{468}$

542) $3\frac{519}{1075} = -\frac{78}{43}n$

543) $-\frac{42}{61}v = -4\frac{68}{305}$

544) $14\frac{7}{18}a = \frac{15799}{46}$

545) $\frac{7k}{100} = -\frac{77}{800}$

546) $1\frac{5}{63} = \frac{4}{7}x$

547) $\frac{31}{19}p = 23\frac{761}{874}$

548) $-13\frac{2}{3} = 3\frac{29}{45}n$

549) $2\frac{19}{20}m = \frac{2419}{700}$

550) $\frac{675}{41} = \frac{45}{82}r$

551) $\frac{33}{31}x = 26\frac{337}{496}$

552) $-\frac{2}{3}n = 2\frac{5}{42}$

553) $5\frac{133}{891} = \frac{37}{33}b$

554) $\frac{3}{22}v = \frac{2193}{836}$

555) $\frac{22n}{833} = \frac{22}{833}$

556) $\frac{3337}{1005} = \frac{47x}{67}$

557) $\frac{918}{25} = \frac{68}{35}v$

558) $-\frac{13}{11}a = -7\frac{255}{517}$

559) $\frac{11x}{96} = \frac{77}{384}$

560) $\frac{344}{1183} = \frac{48x}{169}$

561) $-\frac{88}{49}k = 1\frac{107}{245}$

562) $\frac{8}{11}n = -\frac{136}{99}$

563) $\frac{13m}{240} = 0$

564) $\frac{47}{24} = \frac{29}{24}p$

565) $\frac{403}{460} = \frac{13}{23}x$

566) $\frac{37n}{689} = 2\frac{287}{689}$

567) $\frac{21}{143} = \frac{3}{26}x$

568) $12\frac{17}{50}r = -4\frac{2323}{2350}$

569) $\frac{2}{3}n = \frac{1}{5}$

570) $\frac{3263}{24346} = \frac{39b}{1739}$

571) $\frac{24}{13}x = 40\frac{41}{52}$

572) $\frac{267}{580} = \frac{15v}{58}$

573) $7\frac{181}{840} = \frac{19}{28}n$

574) $-\frac{3}{4}a = -\frac{47}{56}$

575) $\frac{490}{369} = -\frac{7}{9}k$

576) $\frac{17p}{103} = \frac{4726}{4635}$

577) $-\frac{3375}{902} = 6\frac{24}{41}x$

578) $7\frac{14}{17}n = 3\frac{283}{748}$

579) $-\frac{15}{26} = \frac{15}{26}r$

580) $\frac{41}{19}m = \frac{9061}{228}$

581) $\frac{5x}{63} = \frac{50}{369}$

582) $2\frac{83}{210} = 16\frac{23}{30}n$

583) $-\frac{3}{19}b = \frac{3}{38}$

584) $14\frac{35}{836} = \frac{43}{19}v$

585) $-\frac{17803}{172} = -\frac{19}{4}x$

586) $\frac{7n}{149} = \frac{1001}{5364}$

587) $23\frac{27}{32}a = 297\frac{113}{160}$

588) $6\frac{123}{245} = 25\frac{2}{7}k$

589) $\frac{45x}{629} = -\frac{10}{629}$

590) $-\frac{7}{10}x = -\frac{861}{125}$

591) $39\frac{227}{1080} = -\frac{47}{45}n$

592) $517\frac{81}{1054} = 20\frac{9}{34}k$

593) $-\frac{155}{117} = 1\frac{1}{9}p$

594) $-\frac{952}{1311} = -\frac{34}{57}x$

595) $\frac{1081}{440} = -\frac{23}{10}n$

596) $-\frac{29}{47}m = \frac{377}{329}$

597) $109\frac{541}{598} = 9\frac{22}{23}r$

598) $11\frac{15}{47}x = \frac{131936}{1175}$

599) $\frac{1116}{12275} = \frac{36n}{491}$

600) $\frac{11b}{136} = 1\frac{817}{3264}$

601) $-1\frac{986}{3577} = \frac{169}{98}x$

602) $\frac{45045}{731} = 34\frac{7}{17}x$

603) $-\frac{59}{78}v = -\frac{2419}{3627}$

604) $-\frac{10179}{176} = -\frac{117}{74}p$

605) $-\frac{972}{33553} = \frac{36a}{1157}$

606) $-66\frac{143}{162} = -\frac{55}{18}k$

607) $43\frac{47}{92}x = \frac{332249}{4048}$

608) $\frac{610984}{507} = 32\frac{8}{13}n$

609) $\frac{32m}{687} = \frac{4864}{20381}$

610) $\frac{50r}{1131} = \frac{350}{4959}$

611) $-15\frac{383}{6020} = 24\frac{31}{70}x$

612) $-\frac{71}{88}n = -1\frac{795}{2684}$

613) $-\frac{7}{80} = \frac{7}{4}b$

614) $\frac{351}{9331} = \frac{27v}{217}$

615) $\frac{70794}{61565} = \frac{46x}{1759}$

616) $-8\frac{1134}{4565} = -\frac{67}{83}a$

617) $-\frac{97}{65}n = -29\frac{4623}{5005}$

618) $17\frac{1}{4}k = 62\frac{13}{15}$

619) $97\frac{13}{30} = 48\frac{43}{60}n$

620) $-\frac{2337}{95974} = \frac{41x}{2042}$

621) $\frac{17512}{13965} = \frac{22x}{147}$

622) $-\frac{43493}{3950} = -\frac{61}{79}k$

623) $-16\frac{4384}{5655} = \frac{98}{195}p$

624) $31\frac{11}{23} = \frac{18}{23}x$

625) $\frac{37n}{1347} = \frac{703}{44451}$

626) $\frac{9282}{125} = 25\frac{53}{55}m$

627) $0 = -\frac{104}{75}r$

628) $-\frac{775}{1392} = \frac{31}{58}x$

629) $305\frac{1}{2} = 23\frac{49}{51}v$

630) $\frac{33b}{1150} = 1\frac{14021}{59800}$

631) $\frac{13n}{587} = -\frac{39}{1174}$

632) $1386\frac{1709}{2450} = 44\frac{17}{70}x$

633) $\frac{44}{87} = -\frac{88}{29}x$

634) $\frac{9}{4}a = \frac{21}{128}$

635) $-\frac{29394}{625} = -\frac{27}{25}k$

636) $37\frac{19}{66}x = 71\frac{281}{308}$

637) $-62\frac{1237}{1587} = 50\frac{17}{46}p$

638) $-\frac{14}{13}n = -\frac{3178}{169}$

639) $\frac{4}{5}m = 1\frac{109}{225}$

640) $8\frac{37}{42}x = -452\frac{13}{14}$

641) $\frac{7245}{48952} = \frac{23r}{844}$

642) $-3\frac{57}{61}n = 6\frac{6}{61}$

643) $\frac{8}{13}b = \frac{333}{13}$

644) $-\frac{3}{2}n = -\frac{57}{22}$

645) $-\frac{33}{26}v = -14\frac{29}{170}$

646) $\frac{159}{130} = \frac{3}{2}x$

647) $-\frac{46584}{427} = 34\frac{37}{56}a$

648) $\frac{75k}{4604} = -\frac{6075}{4604}$

649) $44\frac{298}{495} = 47\frac{26}{33}n$

650) $-\frac{23123}{624} = -\frac{95}{39}x$

651) $-\frac{245}{177} = -\frac{7}{6}x$

652) $-\frac{29986}{765} = -3\frac{35}{51}m$

653) $-\frac{16}{9}n = 2\frac{50}{243}$

654) $\frac{71p}{1798} = \frac{355}{15283}$

655) $\frac{89}{68}x = 58\frac{509}{5032}$

656) $1199\frac{27}{40} = 31\frac{29}{32}m$

657) $\frac{1729}{282} = \frac{38}{47}r$

658) $\frac{66x}{2447} = 1\frac{13919}{46493}$

659) $\frac{15147}{448} = \frac{85n}{112}$

660) $-\frac{1}{48}b = -\frac{1999}{3936}$

661) $-\frac{14}{23}v = -\frac{1750}{621}$

662) $7\frac{2263}{3053} = 21\frac{6}{43}x$

663) $-\frac{341}{5700} = \frac{62x}{1425}$

664) $\frac{576}{1075} = -\frac{36}{25}k$

665) $\frac{7}{19}p = -\frac{2}{3}$

666) $1\frac{1927}{5913} = \frac{80a}{81}$

667) $\frac{6}{19}x = -\frac{201}{475}$

668) $29\frac{83}{95}r = 80\frac{419}{722}$

669) $\frac{19}{33}n = 24\frac{1310}{2607}$

670) $\frac{76m}{2471} = \frac{302252}{229803}$

671) $-\frac{8}{7}x = \frac{15}{7}$

672) $2\frac{923}{3196} = -\frac{55}{34}n$

673) $\frac{13277}{109336} = \frac{71v}{2768}$

674) $\frac{3274943}{4275} = 26\frac{11}{90}x$

675) $\frac{52b}{2585} = \frac{13039}{18095}$

676) $-\frac{644}{25} = -\frac{8}{5}n$

677) $\frac{1886}{2581} = \frac{41}{29}a$

678) $-1\frac{45}{67} = -\frac{16}{9}k$

679) $\frac{4087}{57472} = \frac{67x}{1796}$

680) $480\frac{4599}{6970} = 14\frac{69}{85}x$

$$681) 45\frac{5}{6}n = 2190\frac{45}{142}$$

$$682) \frac{5}{3}m = 18\frac{188}{249}$$

$$683) \frac{43}{47}p = -\frac{1247}{1457}$$

$$684) \frac{63x}{2638} = -\frac{243}{18466}$$

$$685) 12\frac{46}{81}n = 12\frac{46}{81}$$

$$686) \frac{21759}{1720} = 72\frac{53}{100}m$$

$$687) -36\frac{355}{624} = -\frac{19}{8}r$$

$$688) \frac{25}{76}b = -\frac{1525}{6688}$$

$$689) \frac{224}{41773} = \frac{56x}{1129}$$

$$690) \frac{19}{26}n = 30\frac{439}{936}$$

$$691) 2306\frac{29}{32} = 23\frac{29}{96}v$$

$$692) -54\frac{5}{9} = -\frac{17}{3}x$$

$$693) \frac{14235}{42097} = \frac{15x}{473}$$

$$694) -\frac{53}{52}a = -\frac{126511}{1560}$$

$$695) 92\frac{6443}{6696} = 49\frac{29}{72}k$$

$$696) 2284\frac{4}{13} = 40\frac{72}{91}p$$

$$697) \frac{11x}{328} = \frac{385}{14104}$$

$$698) \frac{15}{28}n = -1\frac{1}{14}$$

$$699) -\frac{48}{43}m = -\frac{624}{1075}$$

$$700) 12\frac{43}{68}r = -21\frac{11}{204}$$

One-step equations - multiply and divide - fractions

Solve each equation.

$$1) \frac{3}{4}r = -\frac{3}{2} \quad \left\{-2\right\}$$

$$2) \frac{7}{5}x = \frac{8}{5} \quad \left\{1\frac{1}{7}\right\}$$

$$3) \frac{5}{7}n = \frac{45}{28} \quad \left\{2\frac{1}{4}\right\}$$

$$4) 6a = 21 \quad \left\{3\frac{1}{2}\right\}$$

$$5) \frac{8}{3}v = 8\frac{2}{3} \quad \left\{3\frac{1}{4}\right\}$$

$$6) -\frac{5}{3}x = -2\frac{1}{6} \quad \left\{1\frac{3}{10}\right\}$$

$$7) -3\frac{3}{8}x = 3\frac{3}{4} \quad \left\{-1\frac{1}{9}\right\}$$

$$8) \frac{2k}{5} = 0 \quad \{0\}$$

$$9) \frac{2p}{7} = \frac{3}{35} \quad \left\{\frac{3}{10}\right\}$$

$$10) \frac{5}{4}n = 1\frac{23}{32} \quad \left\{1\frac{3}{8}\right\}$$

$$11) -\frac{5}{4}m = 0 \quad \{0\}$$

$$12) 3\frac{1}{4}x = 6\frac{1}{28} \quad \left\{1\frac{6}{7}\right\}$$

$$13) -\frac{4}{5}n = -\frac{32}{25} \quad \left\{1\frac{3}{5}\right\}$$

$$14) \frac{7}{4}r = 1\frac{17}{32} \quad \left\{\frac{7}{8}\right\}$$

$$15) -\frac{7}{12}x = -\frac{21}{20} \quad \left\{1\frac{4}{5}\right\}$$

$$16) 1\frac{5}{8}n = \frac{221}{48} \quad \left\{2\frac{5}{6}\right\}$$

$$17) -1\frac{7}{9}b = \frac{56}{9} \quad \left\{-3\frac{1}{2}\right\}$$

$$18) 2x = 1 \quad \left\{\frac{1}{2}\right\}$$

$$19) -\frac{10}{11}v = \frac{85}{33} \quad \left\{-2\frac{5}{6}\right\}$$

$$20) 3n = -12\frac{3}{8} \quad \left\{-4\frac{1}{8}\right\}$$

$$21) 4\frac{3}{4}k = -4\frac{2}{9} \quad \left\{-\frac{8}{9}\right\}$$

$$22) -3\frac{3}{4}a = -14\frac{1}{16} \quad \left\{3\frac{3}{4}\right\}$$

$$23) -\frac{5}{2}p = 4\frac{13}{18} \quad \left\{-1\frac{8}{9}\right\}$$

$$24) \frac{3}{8}m = \frac{3}{8} \quad \{1\}$$

$$25) -\frac{8}{7}n = \frac{8}{21} \quad \left\{-\frac{1}{3}\right\}$$

$$26) \frac{7}{9}x = -2\frac{11}{54} \quad \left\{-2\frac{5}{6}\right\}$$

$$27) 2\frac{2}{9}r = \frac{125}{18} \quad \left\{3\frac{1}{8}\right\}$$

$$28) 1\frac{1}{7}b = 2\frac{6}{49} \quad \left\{1\frac{6}{7}\right\}$$

$$29) \frac{10x}{11} = 2\frac{37}{44} \quad \left\{3\frac{1}{8}\right\}$$

$$30) 10n = 27\frac{7}{9} \quad \left\{2\frac{7}{9}\right\}$$

$$31) 1\frac{1}{4}r = 7\frac{3}{8} \quad \left\{5\frac{9}{10}\right\}$$

$$32) 3a = -8 \quad \left\{-2\frac{2}{3}\right\}$$

33) $-\frac{5}{7}v = \frac{23}{14} \left\{ -2\frac{3}{10} \right\}$

34) $5\frac{1}{4}x = -9\frac{3}{16} \left\{ -1\frac{3}{4} \right\}$

35) $\frac{6n}{17} = \frac{3}{17} \left\{ \frac{1}{2} \right\}$

36) $\frac{1}{4}x = 1\frac{5}{14} \left\{ 5\frac{3}{7} \right\}$

37) $-\frac{17}{9}x = 6\frac{5}{36} \left\{ -3\frac{1}{4} \right\}$

38) $\frac{2k}{3} = \frac{3}{5} \left\{ \frac{9}{10} \right\}$

39) $\frac{2}{3}p = \frac{16}{15} \left\{ 1\frac{3}{5} \right\}$

40) $\frac{10n}{37} = \frac{15}{37} \left\{ 1\frac{1}{2} \right\}$

41) $\frac{2}{3}x = 3\frac{14}{15} \left\{ 5\frac{9}{10} \right\}$

42) $\frac{5m}{7} = 0 \left\{ 0 \right\}$

43) $2\frac{3}{4}n = \frac{77}{12} \left\{ 2\frac{1}{3} \right\}$

44) $-\frac{2}{7}x = \frac{13}{28} \left\{ -1\frac{5}{8} \right\}$

45) $\frac{9}{8}n = \frac{9}{8} \left\{ 1 \right\}$

46) $\frac{6r}{11} = -1\frac{1}{77} \left\{ -1\frac{6}{7} \right\}$

47) $\frac{8}{9}b = \frac{8}{9} \left\{ 1 \right\}$

48) $2\frac{1}{2}n = -2 \left\{ -\frac{4}{5} \right\}$

49) $\frac{2}{3}a = -\frac{3}{4} \left\{ -1\frac{1}{8} \right\}$

50) $\frac{2x}{5} = \frac{1}{3} \left\{ \frac{5}{6} \right\}$

51) $\frac{9v}{34} = \frac{279}{238} \left\{ 4\frac{3}{7} \right\}$

52) $\frac{8}{5}k = -1\frac{1}{15} \left\{ -\frac{2}{3} \right\}$

53) $\frac{5p}{36} = \frac{1}{6} \left\{ 1\frac{1}{5} \right\}$

54) $-2\frac{1}{7}n = \frac{25}{14} \left\{ -\frac{5}{6} \right\}$

55) $\frac{6x}{29} = \frac{9}{145} \left\{ \frac{3}{10} \right\}$

56) $\frac{9}{14}x = 0 \left\{ 0 \right\}$

57) $-\frac{1}{4}m = -\frac{7}{6} \left\{ 4\frac{2}{3} \right\}$

58) $\frac{2n}{7} = \frac{3}{7} \left\{ 1\frac{1}{2} \right\}$

59) $-8r = \frac{224}{9} \left\{ -3\frac{1}{9} \right\}$

60) $4\frac{1}{2}b = -\frac{27}{5} \left\{ -1\frac{1}{5} \right\}$

61) $2\frac{1}{3}r = -2\frac{4}{5} \left\{ -1\frac{1}{5} \right\}$

62) $-\frac{5}{3}n = -\frac{10}{27} \left\{ \frac{2}{9} \right\}$

63) $-\frac{4}{7}x = \frac{48}{49} \left\{ -1\frac{5}{7} \right\}$

64) $1\frac{6}{7}v = 1\frac{5}{21} \left\{ \frac{2}{3} \right\}$

65) $\frac{5a}{23} = -\frac{5}{161} \left\{ -\frac{1}{7} \right\}$

66) $\frac{10k}{19} = 0 \left\{ 0 \right\}$

67) $-1\frac{7}{8}x = -\frac{185}{24} \left\{ 4\frac{1}{9} \right\}$

68) $-\frac{8}{3}x = -6\frac{10}{21} \left\{ 2\frac{3}{7} \right\}$

69) $\frac{5}{2}n = 4\frac{3}{8} \left\{1\frac{3}{4}\right\}$

70) $-1\frac{1}{2}p = 1\frac{2}{7} \left\{-\frac{6}{7}\right\}$

71) $-3\frac{1}{4}x = \frac{52}{7} \left\{-2\frac{2}{7}\right\}$

72) $\frac{4n}{41} = -\frac{8}{123} \left\{-\frac{2}{3}\right\}$

73) $-\frac{5}{9}m = -\frac{5}{9} \{1\}$

74) $\frac{3}{5}r = 2\frac{22}{25} \left\{4\frac{4}{5}\right\}$

75) $5\frac{1}{7}x = -6\frac{2}{7} \left\{-1\frac{2}{9}\right\}$

76) $2\frac{4}{7}n = -3\frac{3}{5} \left\{-1\frac{2}{5}\right\}$

77) $\frac{8}{3}b = -18\frac{2}{3} \{-7\}$

78) $-\frac{5}{8}v = \frac{5}{16} \left\{-\frac{1}{2}\right\}$

79) $\frac{5}{8}x = \frac{5}{64} \left\{\frac{1}{8}\right\}$

80) $2\frac{1}{2}n = 5 \{2\}$

81) $\frac{2}{3}a = \frac{11}{6} \left\{2\frac{3}{4}\right\}$

82) $\frac{4k}{11} = -1\frac{37}{99} \left\{-3\frac{7}{9}\right\}$

83) $\frac{3}{5}x = -\frac{1}{5} \left\{-\frac{1}{3}\right\}$

84) $\frac{13}{7}n = -13 \{-7\}$

85) $\frac{4p}{19} = \frac{28}{95} \left\{1\frac{2}{5}\right\}$

86) $-\frac{2}{5}n = \frac{7}{15} \left\{-1\frac{1}{6}\right\}$

87) $-3\frac{5}{7}m = -\frac{13}{7} \left\{\frac{1}{2}\right\}$

88) $\frac{9r}{23} = \frac{6}{23} \left\{\frac{2}{3}\right\}$

89) $\frac{9x}{14} = -\frac{45}{56} \left\{-1\frac{1}{4}\right\}$

90) $-\frac{3}{2}b = \frac{1}{2} \left\{-\frac{1}{3}\right\}$

91) $3\frac{1}{3}v = -1 \left\{-\frac{3}{10}\right\}$

92) $\frac{5n}{7} = \frac{13}{14} \left\{1\frac{3}{10}\right\}$

93) $\frac{4x}{9} = -\frac{2}{45} \left\{-\frac{1}{10}\right\}$

94) $5\frac{1}{6}a = \frac{124}{3} \{8\}$

95) $\frac{11}{6}v = 3\frac{35}{36} \left\{2\frac{1}{6}\right\}$

96) $\frac{12}{7}x = \frac{12}{35} \left\{\frac{1}{5}\right\}$

97) $\frac{8x}{33} = -\frac{8}{33} \{-1\}$

98) $\frac{9n}{44} = \frac{5}{22} \left\{1\frac{1}{9}\right\}$

99) $1\frac{1}{10}k = -\frac{77}{25} \left\{-2\frac{4}{5}\right\}$

100) $5\frac{9}{10}p = 4\frac{17}{40} \left\{\frac{3}{4}\right\}$

101) $\frac{1}{2}x = \frac{53}{20} \left\{5\frac{3}{10}\right\}$

102) $\frac{12n}{59} = \frac{4}{177} \left\{\frac{1}{9}\right\}$

103) $5\frac{6}{11}r = 5\frac{6}{11} \{1\}$

104) $\frac{15m}{104} = -\frac{63}{208} \left\{-2\frac{1}{10}\right\}$

105) $-\frac{9}{8}x = -8\frac{7}{16}$ $\left\{7\frac{1}{2}\right\}$

106) $-\frac{15}{154} = -\frac{3}{11}n$ $\left\{\frac{5}{14}\right\}$

107) $-3\frac{3}{20} = -\frac{7}{12}b$ $\left\{5\frac{2}{5}\right\}$

108) $-1\frac{23}{54} = 1\frac{5}{6}x$ $\left\{-\frac{7}{9}\right\}$

109) $58 = 7\frac{1}{3}n$ $\left\{7\frac{10}{11}\right\}$

110) $\frac{4v}{15} = \frac{16}{27}$ $\left\{2\frac{2}{9}\right\}$

111) $-\frac{70}{9} = 5k$ $\left\{-1\frac{5}{9}\right\}$

112) $\frac{14}{13}a = -\frac{35}{39}$ $\left\{-\frac{5}{6}\right\}$

113) $\frac{13}{30} = \frac{13p}{40}$ $\left\{1\frac{1}{3}\right\}$

114) $-31\frac{7}{9} = 2\frac{4}{9}x$ $\{-13\}$

115) $2\frac{4}{9} = -1\frac{5}{6}n$ $\left\{-1\frac{1}{3}\right\}$

116) $-\frac{5}{4}m = 1\frac{7}{8}$ $\left\{-1\frac{1}{2}\right\}$

117) $\frac{r}{2} = -\frac{2}{7}$ $\left\{-\frac{4}{7}\right\}$

118) $\frac{x}{2} = 7\frac{1}{2}$ $\{15\}$

119) $\frac{23}{40} = 5\frac{3}{4}n$ $\left\{\frac{1}{10}\right\}$

120) $4\frac{14}{15}b = -9\frac{13}{15}$ $\{-2\}$

121) $\frac{33}{19} = \frac{11v}{38}$ $\{6\}$

122) $2n = 0$ $\{0\}$

123) $87\frac{9}{11} = 14x$ $\left\{6\frac{3}{11}\right\}$

124) $4\frac{37}{42} = -1\frac{3}{7}a$ $\left\{-3\frac{5}{12}\right\}$

125) $-2\frac{3}{10}v = -5\frac{7}{40}$ $\left\{2\frac{1}{4}\right\}$

126) $-9\frac{1}{6} = -\frac{3}{2}x$ $\left\{6\frac{1}{9}\right\}$

127) $-\frac{3}{4}x = -\frac{75}{16}$ $\left\{6\frac{1}{4}\right\}$

128) $-\frac{29}{120} = -2\frac{5}{12}p$ $\left\{\frac{1}{10}\right\}$

129) $\frac{5}{7}n = -1\frac{71}{84}$ $\left\{-2\frac{7}{12}\right\}$

130) $\frac{1537}{150} = 5\frac{3}{10}k$ $\left\{1\frac{14}{15}\right\}$

131) $\frac{9x}{37} = -\frac{57}{148}$ $\left\{-1\frac{7}{12}\right\}$

132) $-2r = -1$ $\left\{\frac{1}{2}\right\}$

133) $-\frac{2}{3}m = -4\frac{20}{33}$ $\left\{6\frac{10}{11}\right\}$

134) $9\frac{5}{9} = 6\frac{1}{7}x$ $\left\{1\frac{5}{9}\right\}$

135) $\frac{12n}{17} = 2\frac{22}{85}$ $\left\{3\frac{1}{5}\right\}$

136) $\frac{4n}{21} = \frac{208}{315}$ $\left\{3\frac{7}{15}\right\}$

137) $-\frac{17}{20} = -\frac{3}{5}n$ $\left\{1\frac{5}{12}\right\}$

138) $\frac{28}{69} = -\frac{14}{23}b$ $\left\{-\frac{2}{3}\right\}$

139) $3\frac{2}{3} = -\frac{3}{2}v$ $\left\{-2\frac{4}{9}\right\}$

140) $\frac{11}{7}x = \frac{451}{42}$ $\left\{6\frac{5}{6}\right\}$

141) $1\frac{3}{4} = -\frac{7}{4}x$ $\{-1\}$

142) $-\frac{243}{710} = \frac{9k}{71}$ $\left\{-2\frac{7}{10}\right\}$

143) $\frac{13a}{48} = \frac{13}{96}$ $\left\{\frac{1}{2}\right\}$

144) $\frac{6p}{43} = \frac{252}{559}$ $\left\{3\frac{3}{13}\right\}$

145) $\frac{3}{5}n = \frac{39}{5}$ $\{13\}$

146) $-\frac{1}{3} = \frac{2m}{3}$ $\left\{-\frac{1}{2}\right\}$

147) $\frac{4r}{9} = \frac{28}{45}$ $\left\{1\frac{2}{5}\right\}$

148) $\frac{5}{2}x = 2\frac{3}{11}$ $\left\{\frac{10}{11}\right\}$

149) $\frac{27}{88} = \frac{3}{11}n$ $\left\{1\frac{1}{8}\right\}$

150) $-\frac{15}{8}b = 3\frac{3}{4}$ $\{-2\}$

151) $\frac{14}{29} = \frac{7x}{29}$ $\{2\}$

152) $13\frac{1}{33} = \frac{5}{3}v$ $\left\{7\frac{9}{11}\right\}$

153) $-10\frac{19}{28} = 3\frac{1}{4}n$ $\left\{-3\frac{2}{7}\right\}$

154) $2\frac{5}{6}a = 2\frac{7}{39}$ $\left\{\frac{10}{13}\right\}$

155) $\frac{5}{2} = -\frac{5}{3}k$ $\left\{-1\frac{1}{2}\right\}$

156) $-\frac{13}{2}x = -10\frac{1}{9}$ $\left\{1\frac{5}{9}\right\}$

157) $\frac{2x}{11} = -\frac{47}{77}$ $\left\{-3\frac{5}{14}\right\}$

158) $-3\frac{1}{12}n = -\frac{37}{54}$ $\left\{\frac{2}{9}\right\}$

159) $-1\frac{8}{15} = -\frac{2}{3}k$ $\left\{2\frac{3}{10}\right\}$

160) $-\frac{1}{2}p = -\frac{3}{4}$ $\left\{1\frac{1}{2}\right\}$

161) $\frac{x}{2} = \frac{12}{13}$ $\left\{1\frac{11}{13}\right\}$

162) $-\frac{65}{18} = \frac{5n}{18}$ $\{-13\}$

163) $\frac{25}{42} = \frac{5}{7}m$ $\left\{\frac{5}{6}\right\}$

164) $\frac{25}{4} = 6\frac{1}{4}r$ $\{1\}$

165) $-3\frac{4}{15}x = -\frac{98}{3}$ $\{10\}$

166) $\frac{11}{7}n = -3$ $\left\{-1\frac{10}{11}\right\}$

167) $\frac{49}{54} = -\frac{7}{6}b$ $\left\{-\frac{7}{9}\right\}$

168) $6\frac{9}{10}v = -68\frac{11}{80}$ $\left\{-9\frac{7}{8}\right\}$

169) $\frac{150}{7} = 4\frac{2}{7}x$ $\{5\}$

170) $5\frac{5}{6} = -\frac{14}{9}x$ $\left\{-3\frac{3}{4}\right\}$

171) $\frac{6}{5}a = -\frac{118}{25}$ $\left\{-3\frac{14}{15}\right\}$

172) $\frac{3}{4}k = -6$ $\{-8\}$

173) $-1\frac{1}{5}p = -\frac{2}{5}$ $\left\{\frac{1}{3}\right\}$

174) $27\frac{1}{2} = 7\frac{1}{2}x$ $\left\{3\frac{2}{3}\right\}$

175) $-\frac{11}{7}r = 6$ $\left\{-3\frac{9}{11}\right\}$

176) $7\frac{11}{12}n = 1\frac{47}{48}$ $\left\{\frac{1}{4}\right\}$

177) $1\frac{67}{308} = \frac{15m}{88} \left\{7\frac{1}{7}\right\}$

178) $\frac{13}{8}x = \frac{39}{16} \left\{1\frac{1}{2}\right\}$

179) $-\frac{6}{7} = \frac{6}{7}b \{-1\}$

180) $\frac{4}{9} = \frac{x}{2} \left\{\frac{8}{9}\right\}$

181) $\frac{1060}{121} = 1\frac{9}{11}n \left\{4\frac{9}{11}\right\}$

182) $-\frac{4}{5}v = \frac{4}{15} \left\{-\frac{1}{3}\right\}$

183) $7\frac{2}{3}n = -3\frac{5}{6} \left\{-\frac{1}{2}\right\}$

184) $6\frac{3}{13}a = \frac{891}{91} \left\{1\frac{4}{7}\right\}$

185) $1\frac{4}{17} = \frac{10k}{51} \left\{6\frac{3}{10}\right\}$

186) $\frac{13x}{34} = 2\frac{263}{408} \left\{6\frac{11}{12}\right\}$

187) $-\frac{1}{6}n = \frac{13}{6} \{-13\}$

188) $\frac{45}{64} = \frac{9x}{16} \left\{1\frac{1}{4}\right\}$

189) $\frac{11}{8}k = 3\frac{7}{16} \left\{2\frac{1}{2}\right\}$

190) $\frac{5p}{18} = 1\frac{47}{48} \left\{7\frac{1}{8}\right\}$

191) $-1\frac{1}{11} = \frac{n}{2} \left\{-2\frac{2}{11}\right\}$

192) $\frac{15x}{119} = -\frac{90}{833} \left\{-\frac{6}{7}\right\}$

193) $-\frac{2}{15}m = \frac{13}{60} \left\{-1\frac{5}{8}\right\}$

194) $0 = \frac{10}{7}n \{0\}$

195) $3\frac{4}{11}r = \frac{703}{55} \left\{3\frac{4}{5}\right\}$

196) $\frac{28}{333} = \frac{14x}{111} \left\{\frac{2}{3}\right\}$

197) $\frac{14}{45} = \frac{7b}{20} \left\{\frac{8}{9}\right\}$

198) $2\frac{13}{54} = -\frac{11}{9}v \left\{-1\frac{5}{6}\right\}$

199) $\frac{7}{6} = \frac{7}{6}x \{1\}$

200) $-\frac{3}{5} = \frac{3}{5}x \{-1\}$

201) $\frac{7}{25} = \frac{7k}{20} \left\{\frac{4}{5}\right\}$

202) $\frac{261}{224} = \frac{9a}{14} \left\{1\frac{13}{16}\right\}$

203) $-\frac{65}{126} = -3\frac{11}{18}p \left\{\frac{1}{7}\right\}$

204) $-4\frac{8}{19} = -\frac{3}{2}x \left\{2\frac{18}{19}\right\}$

205) $\frac{6n}{53} = -\frac{66}{371} \left\{-1\frac{4}{7}\right\}$

206) $\frac{2r}{3} = \frac{7}{6} \left\{1\frac{3}{4}\right\}$

207) $-\frac{11}{9} = 1\frac{5}{6}x \left\{-\frac{2}{3}\right\}$

208) $-\frac{4}{5} = \frac{1}{2}n \left\{-1\frac{3}{5}\right\}$

209) $\frac{10}{3}b = 5\frac{1}{3} \left\{1\frac{3}{5}\right\}$

210) $11\frac{5}{7} = \frac{4}{3}m \left\{8\frac{11}{14}\right\}$

211) $-\frac{178}{39} = \frac{2}{3}v \left\{-6\frac{11}{13}\right\}$

212) $\frac{1}{66} = \frac{x}{12} \left\{\frac{2}{11}\right\}$

213) $0 = -\frac{5}{3}a \quad \left\{0\right\}$

214) $6\frac{11}{20}n = -2\frac{73}{160} \quad \left\{-\frac{3}{8}\right\}$

215) $-4\frac{7}{80} = -\frac{3}{5}k \quad \left\{6\frac{13}{16}\right\}$

216) $1 = 1\frac{1}{5}x \quad \left\{\frac{5}{6}\right\}$

217) $-\frac{25}{61} = \frac{20x}{61} \quad \left\{-1\frac{1}{4}\right\}$

218) $-1\frac{2}{3}n = -1\frac{1}{2} \quad \left\{\frac{9}{10}\right\}$

219) $-1 = -\frac{7}{10}m \quad \left\{1\frac{3}{7}\right\}$

220) $\frac{7}{16} = \frac{p}{2} \quad \left\{\frac{7}{8}\right\}$

221) $2\frac{13}{19} = -\frac{16}{19}n \quad \left\{-3\frac{3}{16}\right\}$

222) $\frac{3}{5}x = 5\frac{7}{16} \quad \left\{9\frac{1}{16}\right\}$

223) $1\frac{9}{17}m = \frac{364}{187} \quad \left\{1\frac{3}{11}\right\}$

224) $-8b = 10 \quad \left\{-1\frac{1}{4}\right\}$

225) $11\frac{11}{32} = 5\frac{1}{2}r \quad \left\{2\frac{1}{16}\right\}$

226) $-1\frac{37}{39} = \frac{19}{18}x \quad \left\{-1\frac{11}{13}\right\}$

227) $\frac{17}{2} = \frac{17}{3}n \quad \left\{1\frac{1}{2}\right\}$

228) $\frac{4700}{247} = 9\frac{17}{19}v \quad \left\{1\frac{12}{13}\right\}$

229) $-1\frac{283}{320} = 4\frac{3}{16}x \quad \left\{-\frac{9}{20}\right\}$

230) $-\frac{4}{11} = -2x \quad \left\{\frac{2}{11}\right\}$

231) $-\frac{18}{29}a = \frac{18}{29} \quad \{-1\}$

232) $\frac{9}{152} = -\frac{3}{16}k \quad \left\{-\frac{6}{19}\right\}$

233) $2p = \frac{52}{17} \quad \left\{1\frac{9}{17}\right\}$

234) $18\frac{11}{18}x = 61\frac{1}{324} \quad \left\{3\frac{5}{18}\right\}$

235) $\frac{8}{19} = \frac{6n}{19} \quad \left\{1\frac{1}{3}\right\}$

236) $\frac{17}{9}r = \frac{17}{45} \quad \left\{\frac{1}{5}\right\}$

237) $-2m = \frac{78}{17} \quad \left\{-2\frac{5}{17}\right\}$

238) $-\frac{284}{5} = 9\frac{7}{15}x \quad \{-6\}$

239) $-18x = -190 \quad \left\{10\frac{5}{9}\right\}$

240) $2\frac{9}{13}n = 3\frac{1}{2} \quad \left\{1\frac{3}{10}\right\}$

241) $-55\frac{13}{14} = -9b \quad \left\{6\frac{3}{14}\right\}$

242) $-6\frac{27}{28} = -\frac{15}{14}v \quad \left\{6\frac{1}{2}\right\}$

243) $\frac{8}{11} = -\frac{2}{5}a \quad \left\{-1\frac{9}{11}\right\}$

244) $\frac{460}{187} = -\frac{20}{17}n \quad \left\{-2\frac{1}{11}\right\}$

245) $\frac{153}{190} = \frac{17x}{38} \quad \left\{1\frac{4}{5}\right\}$

246) $\frac{12k}{25} = 5\frac{1}{25} \quad \left\{10\frac{1}{2}\right\}$

247) $\frac{1}{15}x = -\frac{1}{24} \quad \left\{-\frac{5}{8}\right\}$

248) $-\frac{19}{12}n = -\frac{817}{54} \quad \left\{9\frac{5}{9}\right\}$

249) $\frac{p}{20} = \frac{9}{340} \left\{ \frac{9}{17} \right\}$

250) $\frac{17m}{42} = -\frac{17}{168} \left\{ -\frac{1}{4} \right\}$

251) $-\frac{32}{25} = \frac{4}{5}x \left\{ -1\frac{3}{5} \right\}$

252) $-\frac{5}{16}n = \frac{5}{48} \left\{ -\frac{1}{3} \right\}$

253) $-\frac{275}{98} = -\frac{25}{14}m \left\{ 1\frac{4}{7} \right\}$

254) $\frac{9x}{19} = \frac{55}{19} \left\{ 6\frac{1}{9} \right\}$

255) $-\frac{6}{7}r = -4\frac{17}{49} \left\{ 5\frac{1}{14} \right\}$

256) $\frac{14n}{47} = 2\frac{2}{13} \left\{ 7\frac{3}{13} \right\}$

257) $10\frac{182}{187} = 10\frac{4}{11}b \left\{ 1\frac{1}{17} \right\}$

258) $\frac{784}{19} = -14v \left\{ -2\frac{18}{19} \right\}$

259) $-\frac{13}{15}x = \frac{104}{285} \left\{ -\frac{8}{19} \right\}$

260) $-\frac{3}{10} = \frac{11x}{70} \left\{ -1\frac{10}{11} \right\}$

261) $-3 = \frac{5}{3}k \left\{ -1\frac{4}{5} \right\}$

262) $\frac{9a}{37} = \frac{168}{185} \left\{ 3\frac{11}{15} \right\}$

263) $-4x = -28 \left\{ 7 \right\}$

264) $\frac{21}{11}p = \frac{21}{176} \left\{ \frac{1}{16} \right\}$

265) $\frac{3n}{8} = -4\frac{7}{8} \left\{ -13 \right\}$

266) $\frac{77}{292} = \frac{11m}{73} \left\{ 1\frac{3}{4} \right\}$

267) $5\frac{5}{8}r = -10\frac{13}{32} \left\{ -1\frac{17}{20} \right\}$

268) $\frac{576}{13} = 4\frac{8}{13}x \left\{ 9\frac{3}{5} \right\}$

269) $\frac{5}{8}n = 6\frac{11}{24} \left\{ 10\frac{1}{3} \right\}$

270) $\frac{12}{5}v = \frac{8}{15} \left\{ \frac{2}{9} \right\}$

271) $\frac{7}{10}x = \frac{7}{6} \left\{ 1\frac{2}{3} \right\}$

272) $-\frac{148}{35} = -\frac{8}{5}b \left\{ 2\frac{9}{14} \right\}$

273) $8n = -\frac{34}{3} \left\{ -1\frac{5}{12} \right\}$

274) $\frac{112}{81} = \frac{8a}{9} \left\{ 1\frac{5}{9} \right\}$

275) $1\frac{4}{7}x = \frac{1408}{133} \left\{ 6\frac{14}{19} \right\}$

276) $-\frac{5}{4}k = -10\frac{35}{36} \left\{ 8\frac{7}{9} \right\}$

277) $2\frac{1}{20} = \frac{1}{5}x \left\{ 10\frac{1}{4} \right\}$

278) $\frac{2}{45} = \frac{p}{9} \left\{ \frac{2}{5} \right\}$

279) $5\frac{5}{9}n = -5\frac{5}{9} \left\{ -1 \right\}$

280) $5x = 1\frac{1}{14} \left\{ \frac{3}{14} \right\}$

281) $\frac{7m}{20} = -\frac{14}{65} \left\{ -\frac{8}{13} \right\}$

282) $-\frac{7}{22} = \frac{r}{2} \left\{ -\frac{7}{11} \right\}$

283) $8\frac{6}{7}n = 26\frac{4}{7} \left\{ 3 \right\}$

284) $\frac{1269}{40} = 6\frac{3}{4}b \left\{ 4\frac{7}{10} \right\}$

285) $2x = 11\frac{11}{17} \left\{ 5\frac{14}{17} \right\}$

286) $\frac{493}{4} = 7\frac{1}{4}n \left\{ 17 \right\}$

287) $-12v = 29\frac{11}{17} \left\{ -2\frac{8}{17} \right\}$

288) $9\frac{8}{9}b = \frac{6764}{63} \left\{ 10\frac{6}{7} \right\}$

289) $\frac{20}{87} = \frac{4x}{29} \left\{ 1\frac{2}{3} \right\}$

290) $\frac{8x}{43} = -\frac{134}{215} \left\{ -3\frac{7}{20} \right\}$

291) $15\frac{1}{6} = -\frac{7}{6}a \left\{ -13 \right\}$

292) $-\frac{2}{3}k = -\frac{41}{9} \left\{ 6\frac{5}{6} \right\}$

293) $-5m = 1\frac{3}{7} \left\{ -\frac{2}{7} \right\}$

294) $8\frac{7}{20}p = \frac{8183}{160} \left\{ 6\frac{1}{8} \right\}$

295) $12\frac{6}{17} = 6x \left\{ 2\frac{1}{17} \right\}$

296) $-\frac{13}{8}n = -1\frac{27}{64} \left\{ \frac{7}{8} \right\}$

297) $-3\frac{3}{5} = -3\frac{3}{5}r \left\{ 1 \right\}$

298) $26\frac{19}{42} = 3\frac{2}{3}x \left\{ 7\frac{3}{14} \right\}$

299) $\frac{19n}{51} = -\frac{38}{459} \left\{ -\frac{2}{9} \right\}$

300) $\frac{5b}{8} = 1\frac{1}{24} \left\{ 1\frac{2}{3} \right\}$

301) $4\frac{3}{8}v = -\frac{35}{128} \left\{ -\frac{1}{16} \right\}$

302) $1\frac{13}{225} = \frac{14}{9}x \left\{ \frac{17}{25} \right\}$

303) $\frac{a}{7} = \frac{377}{175} \left\{ 15\frac{2}{25} \right\}$

304) $\frac{228}{23} = -12n \left\{ -\frac{19}{23} \right\}$

305) $-17\frac{13}{22} = -\frac{21}{11}x \left\{ 9\frac{3}{14} \right\}$

306) $\frac{30k}{373} = \frac{15}{373} \left\{ \frac{1}{2} \right\}$

307) $\frac{23}{13}x = \frac{14237}{312} \left\{ 25\frac{19}{24} \right\}$

308) $\frac{23m}{229} = 1\frac{1159}{2061} \left\{ 15\frac{5}{9} \right\}$

309) $-\frac{952}{171} = \frac{4n}{9} \left\{ -12\frac{10}{19} \right\}$

310) $\frac{16p}{43} = \frac{4}{43} \left\{ \frac{1}{4} \right\}$

311) $-38\frac{1}{3} = 10x \left\{ -3\frac{5}{6} \right\}$

312) $-\frac{777}{650} = -\frac{37}{26}n \left\{ \frac{21}{25} \right\}$

313) $\frac{377}{1634} = \frac{29x}{86} \left\{ \frac{13}{19} \right\}$

314) $7\frac{329}{340} = \frac{9}{17}r \left\{ 15\frac{1}{20} \right\}$

315) $\frac{19}{26}b = \frac{722}{91} \left\{ 10\frac{6}{7} \right\}$

316) $-1\frac{41}{56} = 4\frac{13}{21}n \left\{ -\frac{3}{8} \right\}$

317) $\frac{17}{6} = 2b \left\{ 1\frac{5}{12} \right\}$

318) $-2v = 50 \left\{ -25 \right\}$

319) $\frac{3}{55} = \frac{x}{22} \left\{ 1\frac{1}{5} \right\}$

320) $\frac{15x}{29} = -\frac{9}{58} \left\{ -\frac{3}{10} \right\}$

321) $\frac{217}{5} = 6\frac{1}{5}a$ {7}

322) $19x = 0$ {0}

323) $-\frac{40}{27}k = -\frac{488}{45}$ $\left\{7\frac{8}{25}\right\}$

324) $\frac{17}{24}p = -\frac{51}{56}$ $\left\{-1\frac{2}{7}\right\}$

325) $-16r = -184$ $\left\{11\frac{1}{2}\right\}$

326) $3\frac{11}{20}m = -\frac{2627}{480}$ $\left\{-1\frac{13}{24}\right\}$

327) $\frac{29}{55}n = 6\frac{743}{1650}$ $\left\{12\frac{7}{30}\right\}$

328) $\frac{900}{31} = -\frac{30}{31}x$ {-30}

329) $\frac{161}{648} = -\frac{23}{36}n$ $\left\{-\frac{7}{18}\right\}$

330) $\frac{533}{680} = \frac{13b}{170}$ $\left\{10\frac{1}{4}\right\}$

331) $\frac{3143}{40} = 5\frac{1}{4}v$ $\left\{14\frac{29}{30}\right\}$

332) $4\frac{23}{25}x = -1\frac{37}{45}$ $\left\{-\frac{10}{27}\right\}$

333) $-43\frac{3}{7} = 16n$ $\left\{-2\frac{5}{7}\right\}$

334) $-\frac{2}{35} = \frac{k}{5}$ $\left\{-\frac{2}{7}\right\}$

335) $-\frac{32}{19}x = -\frac{96}{133}$ $\left\{\frac{3}{7}\right\}$

336) $\frac{12a}{127} = \frac{32}{381}$ $\left\{\frac{8}{9}\right\}$

337) $\frac{2n}{9} = 0$ {0}

338) $\frac{224}{39} = 24\frac{8}{9}x$ $\left\{\frac{3}{13}\right\}$

339) $\frac{11}{6}p = 6\frac{5}{12}$ $\left\{3\frac{1}{2}\right\}$

340) $\frac{203}{216} = \frac{7}{12}m$ $\left\{1\frac{11}{18}\right\}$

341) $\frac{35}{2} = 12n$ $\left\{1\frac{11}{24}\right\}$

342) $11\frac{3}{5}x = 159\frac{52}{75}$ $\left\{13\frac{23}{30}\right\}$

343) $-\frac{14}{11} = \frac{7}{11}r$ {-2}

344) $\frac{15b}{41} = \frac{6}{41}$ $\left\{\frac{2}{5}\right\}$

345) $47\frac{53}{221} = -\frac{30}{17}n$ $\left\{-26\frac{10}{13}\right\}$

346) $11\frac{451}{810} = \frac{37}{27}x$ $\left\{8\frac{13}{30}\right\}$

347) $-\frac{3}{2}a = \frac{1}{4}$ $\left\{-\frac{1}{6}\right\}$

348) $-176\frac{2}{9} = -26x$ $\left\{6\frac{7}{9}\right\}$

349) $\frac{30v}{67} = \frac{4}{67}$ $\left\{\frac{2}{15}\right\}$

350) $\frac{20x}{37} = -4\frac{32}{37}$ {-9}

351) $-\frac{2}{3}a = -7\frac{7}{18}$ $\left\{11\frac{1}{12}\right\}$

352) $9\frac{15}{23}k = -\frac{6068}{207}$ $\left\{-3\frac{1}{27}\right\}$

353) $21\frac{1}{7} = 6x$ $\left\{3\frac{11}{21}\right\}$

354) $\frac{13p}{17} = \frac{2951}{408}$ $\left\{9\frac{11}{24}\right\}$

355) $-\frac{95}{78} = \frac{19}{13}n$ $\left\{-\frac{5}{6}\right\}$

356) $\frac{7}{8}m = -\frac{7}{104}$ $\left\{-\frac{1}{13}\right\}$

357) $\frac{x}{15} = \frac{1}{105} \left\{ \frac{1}{7} \right\}$

358) $16\frac{16}{19} = -20r \left\{ -\frac{16}{19} \right\}$

359) $14 = 2v \left\{ 7 \right\}$

360) $-\frac{209}{1813} = \frac{19n}{259} \left\{ -1\frac{4}{7} \right\}$

361) $-\frac{47}{275} = \frac{1}{11}x \left\{ -1\frac{22}{25} \right\}$

362) $-1 = 2k \left\{ -\frac{1}{2} \right\}$

363) $\frac{12n}{19} = 1 \left\{ 1\frac{7}{12} \right\}$

364) $155\frac{127}{168} = 15\frac{11}{12}b \left\{ 9\frac{11}{14} \right\}$

365) $\frac{5a}{22} = \frac{25}{154} \left\{ \frac{5}{7} \right\}$

366) $2\frac{4}{5} = -\frac{7}{5}x \left\{ -2 \right\}$

367) $\frac{205}{64} = -\frac{15}{8}x \left\{ -1\frac{17}{24} \right\}$

368) $\frac{27}{5}n = \frac{27}{35} \left\{ \frac{1}{7} \right\}$

369) $\frac{108}{1519} = \frac{18m}{217} \left\{ \frac{6}{7} \right\}$

370) $\frac{n}{19} = \frac{9}{133} \left\{ 1\frac{2}{7} \right\}$

371) $14\frac{28}{125} = 12\frac{7}{10}p \left\{ 1\frac{3}{25} \right\}$

372) $\frac{66677}{900} = 9\frac{29}{30}x \left\{ 7\frac{13}{30} \right\}$

373) $\frac{b}{14} = \frac{93}{224} \left\{ 5\frac{13}{16} \right\}$

374) $\frac{25584}{437} = 4\frac{12}{23}x \left\{ 12\frac{18}{19} \right\}$

375) $15\frac{13}{16}n = -\frac{253}{256} \left\{ -\frac{1}{16} \right\}$

376) $\frac{4r}{21} = 2\frac{410}{441} \left\{ 15\frac{8}{21} \right\}$

377) $\frac{a}{2} = -12\frac{1}{2} \left\{ -25 \right\}$

378) $69 = 10\frac{2}{9}x \left\{ 6\frac{3}{4} \right\}$

379) $\frac{13}{14}v = 4\frac{25}{49} \left\{ 4\frac{6}{7} \right\}$

380) $\frac{243}{2842} = \frac{18x}{203} \left\{ \frac{27}{28} \right\}$

381) $-24a = -11\frac{5}{9} \left\{ \frac{13}{27} \right\}$

382) $-\frac{3}{4}p = -\frac{1}{8} \left\{ \frac{1}{6} \right\}$

383) $\frac{247}{3996} = \frac{19k}{148} \left\{ \frac{13}{27} \right\}$

384) $8\frac{3}{22}n = 16\frac{3}{11} \left\{ 2 \right\}$

385) $\frac{19x}{45} = \frac{2413}{1305} \left\{ 4\frac{11}{29} \right\}$

386) $2\frac{11}{14}m = -2\frac{11}{14} \left\{ -1 \right\}$

387) $\frac{x}{7} = -\frac{1}{7} \left\{ -1 \right\}$

388) $\frac{5r}{66} = \frac{100}{429} \left\{ 3\frac{1}{13} \right\}$

389) $\frac{17}{11}n = 9\frac{9}{220} \left\{ 5\frac{17}{20} \right\}$

390) $\frac{2006}{405} = 8\frac{20}{27}v \left\{ \frac{17}{30} \right\}$

391) $\frac{175}{16} = 9\frac{3}{8}b \left\{ 1\frac{1}{6} \right\}$

392) $-\frac{100}{789} = \frac{20x}{263} \left\{ -1\frac{2}{3} \right\}$

393) $\frac{10n}{51} = \frac{55}{153} \left\{ 1\frac{5}{6} \right\}$

394) $\frac{16}{49} = -\frac{16}{21}k \left\{ -\frac{3}{7} \right\}$

395) $-\frac{255}{133} = \frac{15}{7}a \left\{ -\frac{17}{19} \right\}$

396) $\frac{446}{11} = 4p \left\{ 10\frac{3}{22} \right\}$

397) $-\frac{20}{39} = \frac{4}{3}x \left\{ -\frac{5}{13} \right\}$

398) $-\frac{25}{278} = \frac{25n}{278} \left\{ -1 \right\}$

399) $\frac{2}{5} = -\frac{1}{2}p \left\{ -\frac{4}{5} \right\}$

400) $\frac{16}{11}m = -1\frac{49}{55} \left\{ -1\frac{3}{10} \right\}$

401) $3\frac{51}{145} = 2\frac{23}{29}x \left\{ 1\frac{1}{5} \right\}$

402) $1\frac{5241}{12719} = \frac{40n}{553} \left\{ 19\frac{12}{23} \right\}$

403) $4\frac{23}{38}r = 96\frac{27}{38} \left\{ 21 \right\}$

404) $\frac{19b}{60} = -\frac{19}{930} \left\{ -\frac{2}{31} \right\}$

405) $-29\frac{71}{84} = -\frac{23}{14}n \left\{ 18\frac{1}{6} \right\}$

406) $2\frac{29}{30} = -2\frac{29}{30}x \left\{ -1 \right\}$

407) $\frac{18v}{139} = -\frac{294}{1529} \left\{ -1\frac{16}{33} \right\}$

408) $\frac{8a}{55} = \frac{8}{1375} \left\{ \frac{1}{25} \right\}$

409) $\frac{20493}{74} = 16\frac{29}{37}x \left\{ 16\frac{1}{2} \right\}$

410) $40\frac{2}{7} = -24n \left\{ -1\frac{19}{28} \right\}$

411) $-\frac{7}{4}x = -\frac{35}{9} \left\{ 2\frac{2}{9} \right\}$

412) $\frac{6k}{7} = 1\frac{1}{14} \left\{ 1\frac{1}{4} \right\}$

413) $-26\frac{11}{36}x = 0 \left\{ 0 \right\}$

414) $\frac{25p}{491} = -\frac{350}{491} \left\{ -14 \right\}$

415) $-\frac{11}{15}n = -\frac{44}{57} \left\{ 1\frac{1}{19} \right\}$

416) $-\frac{32}{17}m = -5\frac{75}{289} \left\{ 2\frac{27}{34} \right\}$

417) $-\frac{13}{10}r = \frac{1261}{400} \left\{ -2\frac{17}{40} \right\}$

418) $\frac{24x}{47} = \frac{840}{1081} \left\{ 1\frac{12}{23} \right\}$

419) $-\frac{2}{3} = -1\frac{2}{3}n \left\{ \frac{2}{5} \right\}$

420) $-\frac{4}{11} = \frac{4}{11}v \left\{ -1 \right\}$

421) $5\frac{59}{143} = \frac{9}{22}b \left\{ 13\frac{3}{13} \right\}$

422) $3x = \frac{186}{19} \left\{ 3\frac{5}{19} \right\}$

423) $-30 = -30p \left\{ 1 \right\}$

424) $\frac{4867}{4181} = \frac{31n}{339} \left\{ 12\frac{27}{37} \right\}$

425) $14\frac{1}{2}a = -26\frac{1}{10} \left\{ -1\frac{4}{5} \right\}$

426) $-\frac{2596}{147} = 11\frac{5}{21}k \left\{ -1\frac{4}{7} \right\}$

427) $-\frac{30}{31} = \frac{30}{31}n \left\{ -1 \right\}$

428) $-\frac{11}{15}x = -\frac{121}{435} \left\{ \frac{11}{29} \right\}$

429) $14\frac{4}{9}m = 12\frac{23}{36} \left\{ \begin{matrix} 7 \\ 8 \end{matrix} \right\}$

430) $18\frac{11}{20}p = \frac{371}{10} \{2\}$

431) $16\frac{5}{38}x = 213\frac{529}{1330} \left\{ 13\frac{8}{35} \right\}$

432) $2\frac{3}{8}r = 2\frac{3}{8} \{1\}$

433) $-\frac{9}{13}n = -\frac{99}{104} \left\{ 1\frac{3}{8} \right\}$

434) $-4\frac{4}{55} = -\frac{28}{11}b \left\{ 1\frac{3}{5} \right\}$

435) $\frac{22}{27}x = \frac{220}{243} \left\{ 1\frac{1}{9} \right\}$

436) $\frac{n}{2} = \frac{235}{24} \left\{ 19\frac{7}{12} \right\}$

437) $\frac{17}{28}a = 9\frac{241}{504} \left\{ 15\frac{11}{18} \right\}$

438) $-\frac{7}{13}v = -\frac{2653}{429} \left\{ 11\frac{16}{33} \right\}$

439) $\frac{5}{3}x = -3\frac{34}{117} \left\{ -1\frac{38}{39} \right\}$

440) $14\frac{22}{25}x = \frac{2976}{475} \left\{ \frac{8}{19} \right\}$

441) $\frac{880}{1053} = \frac{5n}{39} \left\{ 6\frac{14}{27} \right\}$

442) $\frac{24k}{79} = 2\frac{466}{2923} \left\{ 7\frac{4}{37} \right\}$

443) $\frac{11}{7}x = \frac{2453}{126} \left\{ 12\frac{7}{18} \right\}$

444) $-\frac{17}{9}p = -18\frac{5}{12} \left\{ 9\frac{3}{4} \right\}$

445) $20\frac{7}{32}n = 15\frac{11}{560} \left\{ \frac{26}{35} \right\}$

446) $\frac{758}{891} = \frac{4m}{81} \left\{ 17\frac{5}{22} \right\}$

447) $\frac{341}{21} = \frac{11}{21}r \{31\}$

448) $\frac{8}{11} = -2x \left\{ -\frac{4}{11} \right\}$

449) $-\frac{5}{124} = \frac{1}{31}b \left\{ -1\frac{1}{4} \right\}$

450) $-14\frac{19}{52} = -\frac{21}{13}n \left\{ 8\frac{25}{28} \right\}$

451) $\frac{11v}{28} = -\frac{143}{840} \left\{ -\frac{13}{30} \right\}$

452) $-28\frac{7}{23} = \frac{21x}{23} \{-31\}$

453) $-\frac{17}{28} = -\frac{1}{20}a \left\{ 12\frac{1}{7} \right\}$

454) $-\frac{248}{185} = \frac{40n}{111} \left\{ -3\frac{18}{25} \right\}$

455) $-\frac{1445}{38} = -\frac{35}{19}k \left\{ 20\frac{9}{14} \right\}$

456) $-\frac{610}{3379} = \frac{10p}{109} \left\{ -1\frac{30}{31} \right\}$

457) $\frac{504}{3355} = \frac{28x}{305} \left\{ 1\frac{7}{11} \right\}$

458) $1\frac{9}{55} = \frac{8}{5}n \left\{ \frac{8}{11} \right\}$

459) $\frac{13}{153} = \frac{13}{9}m \left\{ \frac{1}{17} \right\}$

460) $\frac{1}{37}r = -\frac{3}{74} \left\{ -1\frac{1}{2} \right\}$

461) $\frac{27}{193} = \frac{27n}{386} \{2\}$

462) $-\frac{17}{32}x = -10\frac{845}{1216} \left\{ 20\frac{5}{38} \right\}$

463) $66\frac{37}{50} = 16\frac{23}{25}r \left\{ 3\frac{17}{18} \right\}$

464) $\frac{7b}{107} = \frac{679}{1070} \left\{ 9\frac{7}{10} \right\}$

465) $-\frac{19}{36}x = \frac{19}{108} \left\{ -\frac{1}{3} \right\}$

466) $\frac{17}{14}n = \frac{51}{28} \left\{ 1\frac{1}{2} \right\}$

467) $-\frac{646}{657} = \frac{34a}{657} \left\{ -19 \right\}$

468) $\frac{95}{21} = 15\frac{5}{6}v \left\{ \frac{2}{7} \right\}$

469) $-\frac{47}{72} = -\frac{1}{12}x \left\{ 7\frac{5}{6} \right\}$

470) $-\frac{83}{6} = -\frac{7}{4}x \left\{ 7\frac{19}{21} \right\}$

471) $-1\frac{35}{108} = -\frac{11}{8}n \left\{ \frac{26}{27} \right\}$

472) $\frac{33}{322} = \frac{33k}{322} \left\{ 1 \right\}$

473) $5\frac{11}{12}p = \frac{1207}{12} \left\{ 17 \right\}$

474) $7\frac{16}{31}x = -10\frac{2}{93} \left\{ -1\frac{1}{3} \right\}$

475) $-31\frac{1}{29} = 8\frac{1}{3}n \left\{ -3\frac{21}{29} \right\}$

476) $4\frac{17}{36} = -\frac{7}{6}m \left\{ -3\frac{5}{6} \right\}$

477) $-\frac{40}{3}r = \frac{200}{39} \left\{ -\frac{5}{13} \right\}$

478) $\frac{57285}{154} = 18\frac{3}{11}x \left\{ 20\frac{5}{14} \right\}$

479) $-40\frac{1}{44} = 19\frac{17}{30}n \left\{ -2\frac{1}{22} \right\}$

480) $-29b = -\frac{5539}{16} \left\{ 11\frac{15}{16} \right\}$

481) $\frac{10}{11}v = \frac{95}{88} \left\{ 1\frac{3}{16} \right\}$

482) $-\frac{13}{21}x = -\frac{26}{31} \left\{ 1\frac{11}{31} \right\}$

483) $\frac{21}{58} = -2\frac{26}{29}a \left\{ -\frac{1}{8} \right\}$

484) $5\frac{11}{18}n = \frac{1313}{144} \left\{ 1\frac{5}{8} \right\}$

485) $11\frac{5}{8}k = 228\frac{5}{8} \left\{ 19\frac{2}{3} \right\}$

486) $-\frac{2349}{40} = 27p \left\{ -2\frac{7}{40} \right\}$

487) $\frac{27}{17}n = 18\frac{45}{272} \left\{ 11\frac{7}{16} \right\}$

488) $-17\frac{13}{58} = -\frac{37}{29}x \left\{ 13\frac{1}{2} \right\}$

489) $12\frac{5}{36}m = -\frac{8303}{252} \left\{ -2\frac{5}{7} \right\}$

490) $17\frac{13}{15}r = 393\frac{1}{15} \left\{ 22 \right\}$

491) $\frac{13}{10} = \frac{13}{6}x \left\{ \frac{3}{5} \right\}$

492) $-\frac{5}{9}n = -3\frac{5}{12} \left\{ 6\frac{3}{20} \right\}$

493) $2\frac{23}{24}b = -\frac{923}{192} \left\{ -1\frac{5}{8} \right\}$

494) $10\frac{19}{34}r = \frac{40567}{255} \left\{ 15\frac{1}{15} \right\}$

495) $\frac{14x}{209} = \frac{4}{1045} \left\{ \frac{2}{35} \right\}$

496) $\frac{33n}{466} = 2\frac{223}{466} \left\{ 35 \right\}$

497) $\frac{4a}{67} = \frac{187}{201} \left\{ 15\frac{7}{12} \right\}$

498) $\frac{37}{23}v = 1\frac{33}{115} \left\{ \frac{4}{5} \right\}$

499) $-\frac{11}{12}x = -\frac{5}{24} \left\{ \frac{5}{22} \right\}$

500) $\frac{13x}{35} = 7\frac{293}{1260} \left\{ 19\frac{17}{36} \right\}$

501) $-\frac{21}{5}k = -\frac{833}{10} \left\{ 19\frac{5}{6} \right\}$

502) $\frac{18n}{77} = -\frac{1530}{3619} \left\{ -1\frac{38}{47} \right\}$

503) $\frac{10}{31}p = -\frac{210}{527} \left\{ -1\frac{4}{17} \right\}$

504) $-\frac{119}{87} = 1\frac{1}{6}x \left\{ -1\frac{5}{29} \right\}$

505) $\frac{31}{275} = \frac{31n}{352} \left\{ 1\frac{7}{25} \right\}$

506) $-\frac{3344}{15617} = \frac{44r}{679} \left\{ -3\frac{7}{23} \right\}$

507) $-\frac{19}{1530} = \frac{19m}{255} \left\{ -\frac{1}{6} \right\}$

508) $-1\frac{8}{13} = -\frac{9}{5}x \left\{ \frac{35}{39} \right\}$

509) $\frac{765}{704} = \frac{51}{44}n \left\{ \frac{15}{16} \right\}$

510) $\frac{1424}{3059} = \frac{8v}{161} \left\{ 9\frac{7}{19} \right\}$

511) $-\frac{11}{17}b = \frac{11}{782} \left\{ -\frac{1}{46} \right\}$

512) $\frac{41}{46}a = 14\frac{503}{828} \left\{ 16\frac{7}{18} \right\}$

513) $-3\frac{391}{399} = \frac{4}{21}n \left\{ -20\frac{17}{19} \right\}$

514) $\frac{2123}{4170} = \frac{33x}{695} \left\{ 10\frac{13}{18} \right\}$

515) $\frac{22k}{65} = \frac{4323}{520} \left\{ 24\frac{9}{16} \right\}$

516) $\frac{10p}{11} = \frac{6}{11} \left\{ \frac{3}{5} \right\}$

517) $\frac{91}{1336} = \frac{35x}{668} \left\{ 1\frac{3}{10} \right\}$

518) $551\frac{47}{65} = 41\frac{7}{10}n \left\{ 13\frac{3}{13} \right\}$

519) $14\frac{3}{50}m = 22\frac{587}{900} \left\{ 1\frac{11}{18} \right\}$

520) $\frac{23}{60} = \frac{23}{25}r \left\{ \frac{5}{12} \right\}$

521) $\frac{4056}{473} = \frac{24}{43}x \left\{ 15\frac{4}{11} \right\}$

522) $\frac{37n}{313} = \frac{518}{2817} \left\{ 1\frac{5}{9} \right\}$

523) $-\frac{595}{48} = 9\frac{11}{12}b \left\{ -1\frac{1}{4} \right\}$

524) $\frac{45}{37}v = 7\frac{406}{407} \left\{ 6\frac{19}{33} \right\}$

525) $16\frac{23}{25}a = 16\frac{23}{25} \left\{ 1 \right\}$

526) $-\frac{4}{5}x = -13\frac{133}{155} \left\{ 17\frac{10}{31} \right\}$

527) $\frac{50n}{1253} = \frac{4400}{5191} \left\{ 21\frac{7}{29} \right\}$

528) $4\frac{3}{50}v = 4\frac{1571}{2500} \left\{ 1\frac{7}{50} \right\}$

529) $-\frac{35}{39} = -\frac{70}{39}x \left\{ \frac{1}{2} \right\}$

530) $\frac{7}{4}x = -2\frac{3}{8} \left\{ -1\frac{5}{14} \right\}$

531) $-\frac{39}{67}n = -1\frac{8}{67} \left\{ 1\frac{12}{13} \right\}$

532) $-\frac{35}{27}k = -10\frac{625}{648} \left\{ 8\frac{11}{24} \right\}$

533) $\frac{6175}{1269} = -3\frac{14}{27}x \left\{ -1\frac{18}{47} \right\}$

534) $25\frac{1}{3}p = \frac{15751}{36} \left\{ 17\frac{13}{48} \right\}$

535) $-1\frac{5}{11} = 2n \left\{ -\frac{8}{11} \right\}$

536) $-\frac{41}{300} = -\frac{41}{40}m \left\{ \frac{2}{15} \right\}$

537) $-987\frac{227}{512} = -40\frac{9}{16}r \left\{24\frac{11}{32}\right\}$

538) $4\frac{1}{5}x = 6\frac{141}{155} \left\{1\frac{20}{31}\right\}$

539) $6\frac{12}{29}n = 12\frac{89}{145} \left\{1\frac{29}{30}\right\}$

540) $5b = 87\frac{13}{16} \left\{17\frac{9}{16}\right\}$

541) $\frac{17}{18}x = -\frac{17}{468} \left\{-\frac{1}{26}\right\}$

542) $3\frac{519}{1075} = -\frac{78}{43}n \left\{-1\frac{23}{25}\right\}$

543) $-\frac{42}{61}v = -4\frac{68}{305} \left\{6\frac{2}{15}\right\}$

544) $14\frac{7}{18}a = \frac{15799}{46} \left\{23\frac{20}{23}\right\}$

545) $\frac{7k}{100} = -\frac{77}{800} \left\{-1\frac{3}{8}\right\}$

546) $1\frac{5}{63} = \frac{4}{7}x \left\{1\frac{8}{9}\right\}$

547) $\frac{31}{19}p = 23\frac{761}{874} \left\{14\frac{29}{46}\right\}$

548) $-13\frac{2}{3} = 3\frac{29}{45}n \left\{-3\frac{3}{4}\right\}$

549) $2\frac{19}{20}m = \frac{2419}{700} \left\{1\frac{6}{35}\right\}$

550) $\frac{675}{41} = \frac{45}{82}r \left\{30\right\}$

551) $\frac{33}{31}x = 26\frac{337}{496} \left\{25\frac{1}{16}\right\}$

552) $-\frac{2}{3}n = 2\frac{5}{42} \left\{-3\frac{5}{28}\right\}$

553) $5\frac{133}{891} = \frac{37}{33}b \left\{4\frac{16}{27}\right\}$

554) $\frac{3}{22}v = \frac{2193}{836} \left\{19\frac{9}{38}\right\}$

555) $\frac{22n}{833} = \frac{22}{833} \left\{1\right\}$

556) $\frac{3337}{1005} = \frac{47x}{67} \left\{4\frac{11}{15}\right\}$

557) $\frac{918}{25} = \frac{68}{35}v \left\{18\frac{9}{10}\right\}$

558) $-\frac{13}{11}a = -7\frac{255}{517} \left\{6\frac{16}{47}\right\}$

559) $\frac{11x}{96} = \frac{77}{384} \left\{1\frac{3}{4}\right\}$

560) $\frac{344}{1183} = \frac{48x}{169} \left\{1\frac{1}{42}\right\}$

561) $-\frac{88}{49}k = 1\frac{107}{245} \left\{-\frac{4}{5}\right\}$

562) $\frac{8}{11}n = -\frac{136}{99} \left\{-1\frac{8}{9}\right\}$

563) $\frac{13m}{240} = 0 \left\{0\right\}$

564) $\frac{47}{24} = \frac{29}{24}p \left\{1\frac{18}{29}\right\}$

565) $\frac{403}{460} = \frac{13}{23}x \left\{1\frac{11}{20}\right\}$

566) $\frac{37n}{689} = 2\frac{287}{689} \left\{45\right\}$

567) $\frac{21}{143} = \frac{3}{26}x \left\{1\frac{3}{11}\right\}$

568) $12\frac{17}{50}r = -4\frac{2323}{2350} \left\{-\frac{19}{47}\right\}$

569) $\frac{2}{3}n = \frac{1}{5} \left\{\frac{3}{10}\right\}$

570) $\frac{3263}{24346} = \frac{39b}{1739} \left\{5\frac{41}{42}\right\}$

571) $\frac{24}{13}x = 40\frac{41}{52} \left\{22\frac{3}{32}\right\}$

572) $\frac{267}{580} = \frac{15v}{58} \left\{1\frac{39}{50}\right\}$

573) $7\frac{181}{840} = \frac{19}{28}n \left\{ 10\frac{19}{30} \right\}$

574) $-\frac{3}{4}a = -\frac{47}{56} \left\{ 1\frac{5}{42} \right\}$

575) $\frac{490}{369} = -\frac{7}{9}k \left\{ -1\frac{29}{41} \right\}$

576) $\frac{17p}{103} = \frac{4726}{4635} \left\{ 6\frac{8}{45} \right\}$

577) $-\frac{3375}{902} = 6\frac{24}{41}x \left\{ -\frac{25}{44} \right\}$

578) $7\frac{14}{17}n = 3\frac{283}{748} \left\{ \frac{19}{44} \right\}$

579) $-\frac{15}{26} = \frac{15}{26}r \left\{ -1 \right\}$

580) $\frac{41}{19}m = \frac{9061}{228} \left\{ 18\frac{5}{12} \right\}$

581) $\frac{5x}{63} = \frac{50}{369} \left\{ 1\frac{29}{41} \right\}$

582) $2\frac{83}{210} = 16\frac{23}{30}n \left\{ \frac{1}{7} \right\}$

583) $-\frac{3}{19}b = \frac{3}{38} \left\{ -\frac{1}{2} \right\}$

584) $14\frac{35}{836} = \frac{43}{19}v \left\{ 6\frac{9}{44} \right\}$

585) $-\frac{17803}{172} = -\frac{19}{4}x \left\{ 21\frac{34}{43} \right\}$

586) $\frac{7n}{149} = \frac{1001}{5364} \left\{ 3\frac{35}{36} \right\}$

587) $23\frac{27}{32}a = 297\frac{113}{160} \left\{ 12\frac{17}{35} \right\}$

588) $6\frac{123}{245} = 25\frac{2}{7}k \left\{ \frac{9}{35} \right\}$

589) $\frac{45x}{629} = -\frac{10}{629} \left\{ -\frac{2}{9} \right\}$

590) $-\frac{7}{10}x = -\frac{861}{125} \left\{ 9\frac{21}{25} \right\}$

591) $39\frac{227}{1080} = -\frac{47}{45}n \left\{ -37\frac{13}{24} \right\}$

592) $517\frac{81}{1054} = 20\frac{9}{34}k \left\{ 25\frac{16}{31} \right\}$

593) $-\frac{155}{117} = 1\frac{1}{9}p \left\{ -1\frac{5}{26} \right\}$

594) $-\frac{952}{1311} = -\frac{34}{57}x \left\{ 1\frac{5}{23} \right\}$

595) $\frac{1081}{440} = -\frac{23}{10}n \left\{ -1\frac{3}{44} \right\}$

596) $-\frac{29}{47}m = \frac{377}{329} \left\{ -1\frac{6}{7} \right\}$

597) $109\frac{541}{598} = 9\frac{22}{23}r \left\{ 11\frac{1}{26} \right\}$

598) $11\frac{15}{47}x = \frac{131936}{1175} \left\{ 9\frac{23}{25} \right\}$

599) $\frac{1116}{12275} = \frac{36n}{491} \left\{ 1\frac{6}{25} \right\}$

600) $\frac{11b}{136} = 1\frac{817}{3264} \left\{ 15\frac{11}{24} \right\}$

601) $-1\frac{986}{3577} = \frac{169}{98}x \left\{ -\frac{54}{73} \right\}$

602) $\frac{45045}{731} = 34\frac{7}{17}x \left\{ 1\frac{34}{43} \right\}$

603) $-\frac{59}{78}v = -\frac{2419}{3627} \left\{ \frac{82}{93} \right\}$

604) $-\frac{10179}{176} = -\frac{117}{74}p \left\{ 36\frac{51}{88} \right\}$

605) $-\frac{972}{33553} = \frac{36a}{1157} \left\{ -\frac{27}{29} \right\}$

606) $-66\frac{143}{162} = -\frac{55}{18}k \left\{ 21\frac{8}{9} \right\}$

607) $43\frac{47}{92}x = \frac{332249}{4048} \left\{ 1\frac{39}{44} \right\}$

608) $\frac{610984}{507} = 32\frac{8}{13}n \left\{ 36\frac{37}{39} \right\}$

609) $\frac{32m}{687} = \frac{4864}{20381} \left\{ 5 \frac{11}{89} \right\}$

610) $\frac{50r}{1131} = \frac{350}{4959} \left\{ 1 \frac{34}{57} \right\}$

611) $-15 \frac{383}{6020} = 24 \frac{31}{70} x \left\{ -\frac{53}{86} \right\}$

612) $-\frac{71}{88}n = -1 \frac{795}{2684} \left\{ 1 \frac{37}{61} \right\}$

613) $-\frac{7}{80} = \frac{7}{4}b \left\{ -\frac{1}{20} \right\}$

614) $\frac{351}{9331} = \frac{27v}{217} \left\{ \frac{13}{43} \right\}$

615) $\frac{70794}{61565} = \frac{46x}{1759} \left\{ 43 \frac{34}{35} \right\}$

616) $-8 \frac{1134}{4565} = -\frac{67}{83}a \left\{ 10 \frac{12}{55} \right\}$

617) $-\frac{97}{65}n = -29 \frac{4623}{5005} \left\{ 20 \frac{4}{77} \right\}$

618) $17 \frac{1}{4}k = 62 \frac{13}{15} \left\{ 3 \frac{29}{45} \right\}$

619) $97 \frac{13}{30} = 48 \frac{43}{60}n \left\{ 2 \right\}$

620) $-\frac{2337}{95974} = \frac{41x}{2042} \left\{ -1 \frac{10}{47} \right\}$

621) $\frac{17512}{13965} = \frac{22x}{147} \left\{ 8 \frac{36}{95} \right\}$

622) $-\frac{43493}{3950} = -\frac{61}{79}k \left\{ 14 \frac{13}{50} \right\}$

623) $-16 \frac{4384}{5655} = \frac{98}{195}p \left\{ -33 \frac{11}{29} \right\}$

624) $31 \frac{11}{23} = \frac{18}{23}x \left\{ 40 \frac{2}{9} \right\}$

625) $\frac{37n}{1347} = \frac{703}{44451} \left\{ \frac{19}{33} \right\}$

626) $\frac{9282}{125} = 25 \frac{53}{55}m \left\{ 2 \frac{43}{50} \right\}$

627) $0 = -\frac{104}{75}r \left\{ 0 \right\}$

628) $-\frac{775}{1392} = \frac{31}{58}x \left\{ -1 \frac{1}{24} \right\}$

629) $305 \frac{1}{2} = 23 \frac{49}{51}v \left\{ 12 \frac{3}{4} \right\}$

630) $\frac{33b}{1150} = 1 \frac{14021}{59800} \left\{ 43 \frac{1}{52} \right\}$

631) $\frac{13n}{587} = -\frac{39}{1174} \left\{ -1 \frac{1}{2} \right\}$

632) $1386 \frac{1709}{2450} = 44 \frac{17}{70}x \left\{ 31 \frac{12}{35} \right\}$

633) $\frac{44}{87} = -\frac{88}{29}x \left\{ -\frac{1}{6} \right\}$

634) $\frac{9}{4}a = \frac{21}{128} \left\{ \frac{7}{96} \right\}$

635) $-\frac{29394}{625} = -\frac{27}{25}k \left\{ 43 \frac{41}{75} \right\}$

636) $37 \frac{19}{66}x = 71 \frac{281}{308} \left\{ 1 \frac{13}{14} \right\}$

637) $-62 \frac{1237}{1587} = 50 \frac{17}{46}p \left\{ -1 \frac{17}{69} \right\}$

638) $-\frac{14}{13}n = -\frac{3178}{169} \left\{ 17 \frac{6}{13} \right\}$

639) $\frac{4}{5}m = 1 \frac{109}{225} \left\{ 1 \frac{77}{90} \right\}$

640) $8 \frac{37}{42}x = -452 \frac{13}{14} \left\{ -51 \right\}$

641) $\frac{7245}{48952} = \frac{23r}{844} \left\{ 5 \frac{25}{58} \right\}$

642) $-3 \frac{57}{61}n = 6 \frac{6}{61} \left\{ -1 \frac{11}{20} \right\}$

643) $\frac{8}{13}b = \frac{333}{13} \left\{ 41 \frac{5}{8} \right\}$

644) $-\frac{3}{2}n = -\frac{57}{22} \left\{ 1 \frac{8}{11} \right\}$

645) $-\frac{33}{26}v = -14\frac{29}{170} \left\{ 11 \frac{14}{85} \right\}$

646) $\frac{159}{130} = \frac{3}{2}x \left\{ \frac{53}{65} \right\}$

647) $-\frac{46584}{427} = 34\frac{37}{56}a \left\{ -3 \frac{9}{61} \right\}$

648) $\frac{75k}{4604} = -\frac{6075}{4604} \left\{ -81 \right\}$

649) $44\frac{298}{495} = 47\frac{26}{33}n \left\{ \frac{14}{15} \right\}$

650) $-\frac{23123}{624} = -\frac{95}{39}x \left\{ 15 \frac{17}{80} \right\}$

651) $-\frac{245}{177} = -\frac{7}{6}x \left\{ 1 \frac{11}{59} \right\}$

652) $-\frac{29986}{765} = -3\frac{35}{51}m \left\{ 10 \frac{19}{30} \right\}$

653) $-\frac{16}{9}n = 2\frac{50}{243} \left\{ -1 \frac{13}{54} \right\}$

654) $\frac{71p}{1798} = \frac{355}{15283} \left\{ \frac{10}{17} \right\}$

655) $\frac{89}{68}x = 58\frac{509}{5032} \left\{ 44 \frac{29}{74} \right\}$

656) $1199\frac{27}{40} = 31\frac{29}{32}m \left\{ 37 \frac{3}{5} \right\}$

657) $\frac{1729}{282} = \frac{38}{47}r \left\{ 7 \frac{7}{12} \right\}$

658) $\frac{66x}{2447} = 1\frac{13919}{46493} \left\{ 48 \frac{10}{57} \right\}$

659) $\frac{15147}{448} = \frac{85n}{112} \left\{ 44 \frac{11}{20} \right\}$

660) $-\frac{1}{48}b = -\frac{1999}{3936} \left\{ 24 \frac{31}{82} \right\}$

661) $-\frac{14}{23}v = -\frac{1750}{621} \left\{ 4 \frac{17}{27} \right\}$

662) $7\frac{2263}{3053} = 21\frac{6}{43}x \left\{ \frac{26}{71} \right\}$

663) $-\frac{341}{5700} = \frac{62x}{1425} \left\{ -1 \frac{3}{8} \right\}$

664) $\frac{576}{1075} = -\frac{36}{25}k \left\{ -\frac{16}{43} \right\}$

665) $\frac{7}{19}p = -\frac{2}{3} \left\{ -1 \frac{17}{21} \right\}$

666) $1\frac{1927}{5913} = \frac{80a}{81} \left\{ 1 \frac{25}{73} \right\}$

667) $\frac{6}{19}x = -\frac{201}{475} \left\{ -1 \frac{17}{50} \right\}$

668) $29\frac{83}{95}r = 80\frac{419}{722} \left\{ 2 \frac{53}{76} \right\}$

669) $\frac{19}{33}n = 24\frac{1310}{2607} \left\{ 42 \frac{44}{79} \right\}$

670) $\frac{76m}{2471} = \frac{302252}{229803} \left\{ 42 \frac{71}{93} \right\}$

671) $-\frac{8}{7}x = \frac{15}{7} \left\{ -1 \frac{7}{8} \right\}$

672) $2\frac{923}{3196} = -\frac{55}{34}n \left\{ -1 \frac{39}{94} \right\}$

673) $\frac{13277}{109336} = \frac{71v}{2768} \left\{ 4 \frac{58}{79} \right\}$

674) $\frac{3274943}{4275} = 26\frac{11}{90}x \left\{ 29 \frac{31}{95} \right\}$

675) $\frac{52b}{2585} = \frac{13039}{18095} \left\{ 35 \frac{23}{28} \right\}$

676) $-\frac{644}{25} = -\frac{8}{5}n \left\{ 16 \frac{1}{10} \right\}$

677) $\frac{1886}{2581} = \frac{41}{29}a \left\{ \frac{46}{89} \right\}$

678) $-1\frac{45}{67} = -\frac{16}{9}k \left\{ \frac{63}{67} \right\}$

679) $\frac{4087}{57472} = \frac{67x}{1796} \left\{ 1 \frac{29}{32} \right\}$

680) $480\frac{4599}{6970} = 14\frac{69}{85}x \left\{ 32 \frac{37}{82} \right\}$

681) $45\frac{5}{6}n = 2190\frac{45}{142} \left\{ 47\frac{56}{71} \right\}$

682) $\frac{5}{3}m = 18\frac{188}{249} \left\{ 11\frac{21}{83} \right\}$

683) $\frac{43}{47}p = -\frac{1247}{1457} \left\{ -\frac{29}{31} \right\}$

684) $\frac{63x}{2638} = -\frac{243}{18466} \left\{ -\frac{27}{49} \right\}$

685) $12\frac{46}{81}n = 12\frac{46}{81} \left\{ 1 \right\}$

686) $\frac{21759}{1720} = 72\frac{53}{100}m \left\{ \frac{15}{86} \right\}$

687) $-36\frac{355}{624} = -\frac{19}{8}r \left\{ 15\frac{31}{78} \right\}$

688) $\frac{25}{76}b = -\frac{1525}{6688} \left\{ -\frac{61}{88} \right\}$

689) $\frac{224}{41773} = \frac{56x}{1129} \left\{ \frac{4}{37} \right\}$

690) $\frac{19}{26}n = 30\frac{439}{936} \left\{ 41\frac{25}{36} \right\}$

691) $2306\frac{29}{32} = 23\frac{29}{96}v \left\{ 99 \right\}$

692) $-54\frac{5}{9} = -\frac{17}{3}x \left\{ 9\frac{32}{51} \right\}$

693) $\frac{14235}{42097} = \frac{15x}{473} \left\{ 10\frac{59}{89} \right\}$

694) $-\frac{53}{52}a = -\frac{126511}{1560} \left\{ 79\frac{17}{30} \right\}$

695) $92\frac{6443}{6696} = 49\frac{29}{72}k \left\{ 1\frac{82}{93} \right\}$

696) $2284\frac{4}{13} = 40\frac{72}{91}p \left\{ 56 \right\}$

697) $\frac{11x}{328} = \frac{385}{14104} \left\{ \frac{35}{43} \right\}$

698) $\frac{15}{28}n = -1\frac{1}{14} \left\{ -2 \right\}$

699) $-\frac{48}{43}m = -\frac{624}{1075} \left\{ \frac{13}{25} \right\}$

700) $12\frac{43}{68}r = -21\frac{11}{204} \left\{ -1\frac{2}{3} \right\}$