One-step equations - addition and subtraction - fractions

Solve each equation.

1) $7 + n = 12$

2) $x + 1\frac{1}{5} = 4\frac{1}{30}$

3) $m + \frac{12}{7} = 5\frac{11}{35}$

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

5) $x - 2 = 3\frac{8}{9}$

6) $-3\frac{3}{10} + n = -1\frac{9}{10}$

7) $-2\frac{3}{10} + b = -6\frac{1}{20}$

8) $v + \frac{2}{3} = 2\frac{13}{24}$

9) $n - 2 = 7$

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

11) $2\frac{4}{5} + a = 3\frac{7}{15}$

12) $-2 + x = -2$

13) $k + 1\frac{5}{6} = 2\frac{11}{24}$

14) $n - \frac{7}{9} = \frac{23}{63}$

15) $x - \frac{2}{7} = \frac{17}{63}$

16) $\frac{3}{2} + m = -\frac{1}{6}$

17) $x - 3\frac{1}{3} = -\frac{16}{3}$

18) $p + 1\frac{7}{10} = \frac{71}{30}$

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

20) $b - 1 = -1\frac{1}{2}$

21) $r + 5\frac{3}{5} = 5\frac{39}{40}$

22) $x + 1\frac{5}{6} = -1\frac{1}{24}$

23) $n - 1\frac{3}{7} = \frac{47}{70}$

24) $v - 9 = -7$

25) $a - \frac{3}{4} = 1\frac{3}{28}$

26) $x + \frac{3}{2} = -\frac{3}{8}$

27) $-\frac{1}{9} + x = 1\frac{22}{45}$

28) $a - 5\frac{1}{2} = -4\frac{3}{4}$

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

30) $p - \frac{1}{2} = \frac{51}{14}$

31) $x + 1 = 4\frac{1}{5}$

32) $-3\frac{1}{6} + n = -\frac{283}{42}$

33) $m - 3\frac{1}{6} = 1$

34) $r - 2\frac{7}{8} = -1\frac{7}{8}$

35) $\frac{14}{9} + n = 3\frac{11}{36}$

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

37) $-2 + b = \frac{23}{6}$

38) $v - \frac{1}{2} = \frac{29}{6}$

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

40) $n - 5\frac{3}{4} = -4\frac{11}{12}$

41) $-1 + a = -\frac{2}{3}$

42) $k + \frac{4}{3} = \frac{8}{15}$

43) $p - 2\frac{5}{7} = -\frac{26}{7}$

44) $x - 3\frac{1}{8} = -2\frac{1}{8}$

45) $n - 4\frac{3}{8} = -4\frac{1}{8}$

46) $m + 1\frac{4}{9} = \frac{37}{63}$

47) $2 + p = 2\frac{1}{3}$

48) $x - 1 = -\frac{17}{7}$

49) $n - 3\frac{2}{3} = -3\frac{8}{21}$

50) $b + 1\frac{1}{4} = 2\frac{7}{12}$

51) $r + 3\frac{1}{5} = \frac{37}{10}$

52) $x + \frac{3}{5} = -\frac{19}{35}$

53) $n - \frac{1}{7} = -\frac{25}{28}$

54) $a - 1\frac{1}{7} = -2\frac{9}{14}$

55) $-3\frac{7}{8} + v = -6\frac{3}{8}$

56) $4\frac{1}{10} + x = 1\frac{37}{70}$

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

58) $x + 1\frac{1}{5} = 2\frac{2}{5}$

59) $n - \frac{1}{2} = -\frac{7}{8}$

60) $4\frac{1}{4} + p = \frac{157}{36}$

61) $\frac{1}{6} + n = -\frac{53}{6}$

62) $x + 5\frac{3}{4} = 7\frac{11}{20}$

63) $m - \frac{5}{7} = \frac{11}{14}$

64) $\frac{3}{8} + x = -\frac{3}{8}$

65) $r - 1\frac{5}{7} = 1\frac{51}{56}$

66) $n + 2\frac{5}{9} = 4\frac{1}{18}$

67) $b + 5\frac{9}{10} = 7\frac{4}{5}$

68) $v - \frac{6}{5} = 2\frac{29}{30}$

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

70) $n + 3\frac{3}{4} = \frac{83}{12}$

71) $3\frac{3}{4} + a = 3\frac{5}{12}$

72) $1\frac{1}{6} + k = -\frac{11}{42}$

73) $p - 4\frac{5}{6} = -\frac{55}{12}$

74) $1\frac{1}{9} + m = \frac{100}{9}$

75) $-\frac{1}{8} + n = -\frac{91}{24}$

76) $x - 1\frac{2}{7} = -2\frac{13}{21}$

77) $-1\frac{7}{10} + p = \frac{2}{15}$

78) $n - 2 = -\frac{20}{9}$

79) $x - 4\frac{1}{2} = -2\frac{9}{10}$

80) $-\frac{5}{3} + b = -\frac{8}{21}$

81) $r + 1\frac{3}{4} = 3\frac{3}{8}$

82) $x - 3\frac{2}{5} = -4\frac{2}{5}$

83) $n - 2\frac{1}{6} = -\frac{5}{12}$

84) $a - \frac{5}{7} = -\frac{123}{35}$

85) $v + \frac{1}{4} = -1\frac{9}{20}$

86) $x + 1\frac{1}{3} = \frac{151}{21}$

87) $x - 2\frac{4}{9} = \frac{23}{90}$

88) $n - 1\frac{1}{2} = -1\frac{3}{10}$

89) $k - 2\frac{1}{3} = \frac{29}{12}$

90) $p + 2 = \frac{3}{5}$

91) $-\frac{4}{5} + x = \frac{2}{5}$

92) $n - \frac{1}{5} = 1\frac{11}{45}$

93) $m - 2\frac{1}{6} = -1\frac{7}{18}$

94) $r - 4\frac{4}{7} = -3\frac{47}{70}$

95) $x + 1\frac{5}{8} = -\frac{53}{24}$

96) $b - \frac{1}{2} = \frac{1}{2}$

97) $\frac{4}{3} + n = 3\frac{1}{3}$

98) $v - 2\frac{1}{2} = 4\frac{1}{2}$

99) $-1\frac{1}{3} + n = -\frac{1}{3}$

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

101) $a + \frac{7}{5} = -2\frac{19}{65}$

102) $k - \frac{1}{2} = -\frac{81}{22}$

103) $\frac{11}{12} + n = \frac{67}{60}$

104) $-2\frac{2}{15} = x - 1\frac{2}{15}$

105) $-6\frac{49}{156} = p - 3\frac{3}{13}$

106) $1\frac{1}{12} = m + \frac{3}{4}$

107) $r - \frac{3}{11} = -\frac{269}{99}$

108) $n - 5\frac{1}{4} = -5\frac{23}{28}$

109) $x - 1\frac{1}{7} = 5\frac{1}{42}$

110) $r + 3\frac{1}{3} = \frac{17}{15}$

111) $11\frac{33}{91} = b + 4\frac{2}{7}$

112) $x - \frac{3}{7} = -\frac{4}{91}$

113) $-1\frac{3}{4} = n - 2$

114) $6\frac{56}{117} = -1\frac{1}{13} + a$

115) $-15\frac{8}{9} = -3\frac{8}{9} + v$

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

117) $-1\frac{4}{11} = -1 - x$

118) $3\frac{65}{84} = x + 1\frac{11}{12}$

119) $-\frac{5}{14} = k + 2$

120) $\frac{9}{2} = 1\frac{3}{4} + p$

121) $n - 1\frac{5}{11} = -3\frac{5}{11}$

122) $\frac{73}{30} = \frac{2}{15} + x$

123) $m - \frac{1}{14} = -\frac{59}{42}$

124) $-\frac{9}{10} = 5\frac{1}{10} + n$

125) $\frac{149}{132} = \frac{17}{11} + r$

126) $10\frac{37}{42} = x + 6\frac{5}{7}$

127) $-2\frac{31}{78} = b - \frac{7}{6}$

128) $-1 + n = \frac{5}{9}$

129) $-\frac{5}{3} - v = -3\frac{1}{6}$

130) $\frac{4}{5} = x + \frac{9}{5}$

131) $\frac{1067}{195} = a + 3\frac{7}{13}$

132) $4\frac{7}{12} = 6\frac{7}{12} - p$

133) $-6\frac{4}{5} = k - 5\frac{2}{15}$

134) $-\frac{1}{5} + n = -1\frac{31}{55}$

135) $\frac{73}{12} = x + 1\frac{1}{4}$

136) $2\frac{3}{8} + m = 1\frac{1}{24}$

137) $\frac{11}{15} - x = 1\frac{7}{30}$

138) $r - \frac{1}{4} = -1\frac{17}{36}$

139) $3\frac{5}{12} = n + 1\frac{2}{3}$

140) $r + \frac{7}{10} = \frac{149}{70}$

141) $\frac{46}{105} = \frac{11}{7} + b$

142) $-5\frac{73}{156} = x - 4\frac{5}{13}$

143) $-3\frac{9}{10} - n = -5\frac{2}{5}$

144) $a + 2\frac{1}{6} = \frac{367}{78}$

145) $\frac{20}{117} = v + \frac{5}{9}$

146) $x - 2\frac{1}{2} = -\frac{4}{5}$

147) $2\frac{54}{55} = \frac{9}{5} - x$

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

149) $\frac{5}{6} = p + \frac{11}{6}$

150) $-1\frac{13}{30} = \frac{2}{5} + k$

151) $\frac{17}{14} - x = \frac{139}{126}$

152) $n - 1\frac{7}{11} = -1\frac{31}{66}$

153) $r + 1\frac{1}{4} = -12\frac{3}{4}$

154) $n - \frac{5}{3} = \frac{1}{39}$

155) $2\frac{5}{63} = m - \frac{1}{7}$

156) $-4\frac{41}{42} = -3\frac{5}{6} + x$

157) $\frac{1}{4} = -1 - b$

158) $2 - a = 1$

159) $x + 3\frac{12}{13} = \frac{88}{39}$

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

161) $2\frac{13}{45} = n + 1\frac{8}{9}$

162) $-3\frac{1}{2} = k - 1\frac{3}{4}$

163) $-3\frac{3}{5} - p = -7\frac{17}{70}$

164) $1\frac{23}{24} = x + \frac{5}{8}$

165) $4\frac{1}{4} + n = 10\frac{7}{20}$

166) $4\frac{13}{15} - m = \frac{187}{60}$

167) $-1\frac{1}{12} = r - \frac{5}{3}$

168) $x - 1\frac{5}{14} = -\frac{87}{28}$

169) $-1\frac{2}{13} + b = -2\frac{171}{182}$

170) $\frac{33}{10} = n + 3\frac{1}{10}$

171) $\frac{7}{10} - v = -1\frac{1}{10}$

172) $x - \frac{5}{6} = 4\frac{7}{15}$

173) $4\frac{1}{5} + a = 2\frac{16}{55}$

174) $1\frac{1}{24} = n - \frac{1}{3}$

175) $\frac{109}{14} = v + 1\frac{1}{2}$

176) $x - \frac{1}{15} = -1\frac{4}{5}$

177) $2\frac{13}{36} = 2\frac{11}{12} - x$

178) $\frac{3}{2} + n = 2\frac{2}{3}$

179) $2 + k = 3\frac{1}{3}$

180) $p + 3\frac{9}{11} = 4\frac{1}{55}$

181) $\frac{3}{4} - n = \frac{5}{3}$

182) $x - 6\frac{6}{7} = -8\frac{45}{77}$

183) $1\frac{2}{3} = 1\frac{2}{3} + r$

184) $\frac{19}{70} = -\frac{10}{7} + m$

185) $\frac{1}{14} + x = -1\frac{3}{56}$

186) $6\frac{1}{7} = 7\frac{1}{2} - n$

187) $7\frac{4}{9} + v = 3\frac{23}{45}$

188) $b - 2\frac{8}{13} = -2\frac{61}{78}$

189) $x + 1\frac{5}{6} = \frac{79}{30}$

190) $2\frac{3}{11} = 2 + n$

191) $\frac{9}{4} = p + 2$

192) $-4\frac{3}{5} = a - 4\frac{3}{5}$

193) $k - 5\frac{1}{2} = 1\frac{11}{18}$

194) $-\frac{14}{15} + x = -1\frac{3}{5}$

195) $n + 3\frac{4}{11} = 3\frac{63}{143}$

196) $m - 7\frac{1}{14} = -10\frac{19}{70}$

197) $5\frac{4}{11} = 6\frac{8}{11} - r$

198) $-6\frac{1}{7} = x + 5\frac{6}{7}$

199) $b + 1\frac{2}{3} = 4\frac{17}{39}$

200) $2\frac{69}{70} = \frac{7}{10} + n$

201) $n + 4\frac{3}{4} = 4\frac{27}{28}$

202) $\frac{7}{6} = \frac{5}{6} - x$

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

204) $3\frac{8}{19} = 2 + a$

205) $\frac{5}{6} - v = -\frac{109}{24}$

206) $x - 1\frac{1}{4} = -\frac{11}{20}$

207) $x - 1\frac{9}{20} = \frac{1149}{380}$

208) $5\frac{2}{3} + k = \frac{356}{57}$

209) $9\frac{13}{18} + n = 10\frac{5}{18}$

210) $n - 1 = -3$

211) $-1\frac{7}{15} = p - \frac{3}{10}$

212) $m + \frac{17}{20} = \frac{43}{80}$

213) $-\frac{43}{78} = \frac{5}{6} - x$

214) $r + 2\frac{2}{17} = \frac{123}{34}$

215) $n - \frac{10}{19} = -\frac{547}{209}$

216) $8\frac{6}{17} - b = \frac{883}{238}$

217) $v + 1\frac{1}{3} = \frac{29}{18}$

218) $\frac{7}{33} = \frac{5}{3} - x$

219) $\frac{29}{57} = \frac{16}{19} + x$

220) $a - 1 = -1\frac{15}{16}$

221) $19 = p + 1$

222) $-\frac{34}{19} - k = -1\frac{46}{323}$

223) $-\frac{109}{51} = x - \frac{8}{17}$

224) $\frac{31}{16} - m = 1\frac{65}{112}$

225) $n - 6\frac{14}{19} = -\frac{620}{171}$

226) $r - \frac{9}{14} = -\frac{41}{42}$

227) $2\frac{5}{14} = 2\frac{1}{2} + x$

228) $x + 2\frac{13}{18} = 4\frac{2}{9}$

229) $4\frac{9}{14} - b = -1\frac{11}{21}$

230) $v - \frac{19}{18} = -\frac{181}{342}$

231) $12\frac{25}{48} = n + 9\frac{11}{16}$

232) $x - \frac{3}{4} = \frac{71}{10}$

233) $-\frac{13}{9} + a = -\frac{29}{9}$

234) $k - 1\frac{13}{15} = -7\frac{19}{20}$

235) $-1\frac{3}{104} = n + \frac{11}{13}$

236) $\frac{5}{9} + x = -\frac{11}{18}$

237) $\frac{381}{208} = \frac{10}{13} - x$

238) $\frac{29}{10} = n + \frac{16}{15}$

239) $x - \frac{8}{5} = -\frac{13}{5}$

240) $17\frac{28}{117} = 10\frac{6}{13} + k$

241) $p - 3\frac{1}{17} = \frac{1585}{221}$

242) $\frac{4}{3} + r = 0$

243) $\frac{1}{3} + n = 9\frac{17}{24}$

244) $m + \frac{1}{2} = \frac{281}{22}$

245) $-\frac{13}{4} = -\frac{5}{4} - x$

246) $-3\frac{7}{10} - n = -6\frac{33}{40}$

247) $8\frac{3}{14} + b = \frac{265}{28}$

248) $8\frac{7}{36} = v + \frac{5}{12}$

249) $4\frac{5}{14} - x = 4\frac{47}{112}$

250) $\frac{1217}{153} = -\frac{11}{9} + x$

251) $-3\frac{11}{12} - a = -1\frac{7}{15}$

252) $k + \frac{17}{9} = \frac{14}{9}$

253) $\frac{2}{11} + x = \frac{899}{165}$

254) $-\frac{3}{7} = -\frac{19}{14} + p$

255) $-9\frac{1}{3} = -\frac{2}{3} - n$

256) $-3\frac{29}{39} = m - 5\frac{1}{13}$

257) $2\frac{2}{9} + x = 9\frac{13}{99}$

258) $5\frac{57}{77} = r + 3\frac{5}{11}$

259) $\frac{301}{260} = \frac{17}{13} + n$

260) $x + 3\frac{1}{6} = -\frac{11}{24}$

261) $-1\frac{25}{44} = b - \frac{20}{11}$

262) $3\frac{7}{8} = v - 3\frac{3}{8}$

263) $10\frac{67}{85} = n + \frac{1}{5}$

264) $k - \frac{4}{3} = \frac{1}{6}$

265) $6\frac{31}{72} = a + \frac{3}{8}$

266) $-\frac{61}{10} = x - \frac{11}{10}$

267) $x + 3\frac{3}{8} = 13\frac{7}{8}$

268) $\frac{152}{35} = n + 3\frac{1}{5}$

269) $\frac{13}{70} = 1\frac{9}{10} - k$

270) $-\frac{345}{28} = -\frac{11}{7} - p$

271) $-2\frac{1}{10} = x - \frac{3}{5}$

272) $n + 1\frac{1}{10} = 8\frac{7}{20}$

273) $\frac{3}{20} = \frac{2}{5} - r$

274) $10\frac{22}{105} = m + 5\frac{1}{7}$

275) $-\frac{49}{9} = \frac{2}{3} - x$

276) $9\frac{53}{70} = n - \frac{1}{7}$

277) $v + 7\frac{1}{9} = \frac{1340}{153}$

278) $x - 5\frac{3}{7} = \frac{43}{14}$

279) $9\frac{6}{65} = 8\frac{2}{5} + b$

280) $a - 1 = \frac{62}{15}$

281) $-\frac{95}{12} = -7\frac{3}{4} - x$

282) $\frac{1}{3} + k = 8\frac{4}{15}$

283) $8\frac{1}{2} = 10\frac{1}{4} + p$

284) $n - \frac{7}{6} = -\frac{1}{6}$

285) $-\frac{243}{38} = x - 5\frac{1}{2}$

286) $-\frac{5}{26} = m - 1\frac{1}{2}$

287) $\frac{137}{20} = -\frac{3}{5} + r$

288) $1\frac{25}{42} = 4\frac{1}{6} + x$

289) $n - 1\frac{1}{3} = -\frac{41}{15}$

290) $-\frac{32}{5} = b - 6\frac{7}{20}$

291) $x + \frac{2}{3} = 1$

292) $-7\frac{31}{42} = v - 8\frac{1}{6}$

293) $13\frac{1}{10} = n + 1\frac{1}{10}$

294) $7\frac{1}{3} - k = 6\frac{11}{15}$

295) $8\frac{4}{5} - a = 11\frac{19}{30}$

296) $-\frac{13}{17} + x = \frac{33}{68}$

297) $-1\frac{44}{57} = x - \frac{21}{19}$

298) $-5 = -3\frac{1}{3} + n$

299) $-\frac{1721}{152} = m - 11\frac{18}{19}$

300) $2\frac{77}{204} = 9\frac{5}{17} - p$

301) $-1\frac{1}{3} + x = -4\frac{20}{69}$

302) $n + \left(-2\frac{4}{23}\right) = -\frac{753}{230}$

303) $-\frac{18}{13} + m = -14\frac{47}{156}$

304) $r - \frac{11}{6} = -\frac{91}{24}$

305) $1\frac{15}{16} + n = \frac{415}{144}$

306) $-12\frac{15}{286} = x - 13\frac{25}{26}$

307) $\frac{293}{29} = -1 + b$

308) $x - \frac{4}{11} = -2\frac{30}{143}$

309) $\frac{10}{7} + v = -\frac{101}{91}$

310) $x - 1\frac{1}{19} = \frac{1814}{551}$

311) $6\frac{7}{8} = 10\frac{1}{2} + a$

312) $k + \left(-3\frac{5}{22}\right) = 7\frac{27}{220}$

313) $8\frac{69}{77} = -\frac{2}{7} + p$

314) $5\frac{73}{120} = x - \left(-\frac{7}{5}\right)$

315) $\frac{1}{24} - n = -\frac{235}{24}$

316) $r + 10\frac{3}{7} = 10\frac{2}{21}$

317) $\frac{29}{54} = x + \frac{1}{27}$

318) $\frac{8}{9} - n = -8\frac{14}{207}$

319) $m + 4\frac{2}{15} = \frac{1711}{345}$

320) $v + 2\frac{11}{30} = \frac{41}{30}$

321) $14\frac{12}{13} + n = 11\frac{37}{195}$

322) $\frac{62}{65} = b - 2\frac{7}{10}$

323) $\frac{11347}{540} = x + 10\frac{1}{20}$

324) $1 = a - \left(-\frac{1}{2}\right)$

325) $x + \frac{1}{2} = \frac{45}{2}$

326) $k - \left(-\frac{45}{23}\right) = 1\frac{43}{69}$

327) $-\frac{2}{3} - p = -2\frac{2}{3}$

328) $18\frac{23}{30} = x + 8\frac{5}{6}$

329) $-\frac{63}{23} = m - 1$

330) $8\frac{735}{754} = 8\frac{11}{26} + n$

331) $n + 15\frac{8}{21} = 15\frac{8}{21}$

332) $x + \left(-3\frac{25}{29}\right) = \frac{1969}{609}$

333) $-\frac{98}{9} = r - 17$

334) $0 = b + 1$

335) $\frac{7}{22} - x = -\frac{977}{110}$

336) $3\frac{101}{108} = m - \left(-2\frac{1}{12}\right)$

337) $16\frac{1}{14} = -\frac{13}{14} + n$

338) $x - 6\frac{11}{17} = -7\frac{371}{442}$

339) $7\frac{648}{725} = 7\frac{12}{25} - v$

340) $x - (-1) = 10\frac{1}{6}$

341) $7\frac{256}{459} = -\frac{31}{27} + a$

342) $x - 5\frac{29}{30} = -9\frac{2}{3}$

343) $-6\frac{29}{180} = k + \left(-3\frac{1}{20}\right)$

344) $-4\frac{23}{30} = -3\frac{1}{10} - p$

345) $\frac{9}{13} + m = 9\frac{175}{234}$

346) $-\frac{44}{115} = n - \left(-\frac{5}{23}\right)$

347) $r + \left(-\frac{1}{4}\right) = 6\frac{19}{116}$

348) $x - \frac{32}{25} = 9\frac{191}{300}$

349) $15\frac{1}{2} = n - (-15)$

350) $-19\frac{5}{6} - b = -\frac{41}{2}$

351) $x + \frac{13}{19} = -2\frac{79}{551}$

352) $10\frac{35}{221} = -\frac{14}{13} + v$

353) $a - 11\frac{16}{29} = -\frac{743}{348}$

354) $9\frac{19}{21} - k = -1\frac{34}{63}$

355) $-13\frac{2}{45} = n - 12\frac{1}{9}$

356) $x + \frac{19}{12} = 2\frac{1}{4}$

357) $x + 7 = \frac{199}{16}$

358) $m - \left(-\frac{2}{3}\right) = 2\frac{67}{69}$

359) $2\frac{1}{12} = n - \left(-\frac{17}{12}\right)$

360) $1\frac{58}{115} = 3\frac{1}{5} - p$

361) $r - 13 = -14$

362) $3\frac{13}{27} = x + 2\frac{13}{27}$

363) $b - \left(-\frac{11}{8}\right) = 1\frac{41}{88}$

364) $\frac{83}{493} = n + \left(-\frac{20}{17}\right)$

365) $x + 9\frac{7}{20} = 9\frac{163}{180}$

366) $\frac{35}{23} - v = -7\frac{247}{276}$

367) $19\frac{19}{66} = n + 7\frac{5}{11}$

368) $\frac{23}{13} - x = 7\frac{10}{13}$

369) $4\frac{67}{84} = b + \left(-\frac{2}{3}\right)$

370) $-26 = -25 + k$

371) $-\frac{29}{24} = -3\frac{1}{4} + x$

372) $2\frac{21}{26} = 1\frac{21}{26} + a$

373) $-11\frac{9}{77} = \frac{3}{7} - p$

374) $-\frac{243}{322} = x - \left(-\frac{1}{14}\right)$

375) $n + 8\frac{9}{19} = 8\frac{100}{171}$

376) $m + 7\frac{4}{9} = 20\frac{5}{18}$

377) $\frac{21}{2} = r + 8\frac{1}{2}$

378) $-8 - n = -\frac{452}{21}$

379) $-8\frac{11}{23} = -13 + b$

380) $\frac{1675}{132} = \frac{17}{22} - x$

381) $x + \left(-1\frac{13}{15}\right) = -\frac{701}{255}$

382) $n - \left(-23\frac{5}{7}\right) = 24\frac{5}{14}$

383) $-\frac{4}{3} - a = -3\frac{32}{69}$

384) $11\frac{95}{552} = 12\frac{1}{24} + v$

385) $x + 4 = \frac{21}{4}$

386) $6\frac{1}{10} + x = \frac{247}{20}$

387) $\frac{419}{45} = k + \frac{10}{9}$

388) $7\frac{273}{580} = 3\frac{17}{20} - n$

389) $\frac{18}{11} - m = \frac{30}{11}$

390) $2\frac{1}{3} = 1 + p$

391) $\frac{181}{460} = x + \frac{1}{23}$

392) $11\frac{5}{14} + n = -\frac{11}{14}$

393) $-11\frac{47}{66} = b - 12\frac{1}{6}$

394) $3\frac{93}{104} = r - \frac{19}{26}$

395) $\frac{11}{9} + n = -12\frac{7}{9}$

396) $x + 26 = 35\frac{8}{17}$

397) $4\frac{19}{28} - b = 4\frac{19}{28}$

398) $\frac{31}{6} = x + 2$

399) $1\frac{11}{12} - x = -\frac{1411}{156}$

400) $-\frac{292}{19} = 3\frac{12}{19} - v$

401) $k - \left(-2\frac{33}{34}\right) = 12\frac{251}{425}$

402) $-45 = -47 - p$

403) $-2\frac{37}{69} = a + \left(-\frac{20}{23}\right)$

404) $14\frac{119}{190} = n + \frac{1}{10}$

405) $\frac{33}{23} - r = 3\frac{232}{851}$

406) $4\frac{113}{204} = x - \left(-3\frac{33}{34}\right)$

407) $m + \frac{25}{48} = 1\frac{547}{912}$

408) $b + (-47) = -34\frac{7}{30}$

409) $-5\frac{13}{48} = x - 7\frac{13}{48}$

410) $-\frac{41}{144} = 17\frac{7}{36} - n$

411) $-36\frac{19}{43} = v + (-35)$

412) $\frac{12106}{975} = 12\frac{4}{25} - a$

413) $x - \frac{1}{5} = -4\frac{1}{5}$

414) $n - 16\frac{19}{50} = \frac{12899}{1450}$

415) $12\frac{221}{266} = k + 14\frac{5}{14}$

416) $x + 12\frac{9}{38} = 31\frac{345}{494}$

417) $x - \left(-\frac{1}{7}\right) = 1\frac{74}{273}$

418) $\frac{377}{17} = 22 - n$

419) $56\frac{856}{945} = 19\frac{26}{27} - m$

420) $\frac{4469}{102} = p + 21\frac{2}{3}$

421) $1 = n - \frac{1}{2}$

422) $20\frac{27}{40} = 22\frac{27}{40} + x$

423) $x + \frac{2}{5} = -\frac{187}{145}$

424) $b - \left(-\frac{77}{40}\right) = 8\frac{1141}{1320}$

425) $n + 35 = 23\frac{14}{25}$

426) $16\frac{31}{80} = r + 18\frac{3}{16}$

427) $x + \left(-\frac{7}{9}\right) = -1\frac{2}{45}$

428) $-1\frac{2}{5} = -\frac{3}{5} - a$

429) $-\frac{5}{42} = -\frac{61}{42} - v$

430) $x + 7\frac{13}{42} = \frac{7423}{1050}$

431) $k - 10\frac{1}{7} = -9\frac{65}{161}$

432) $-\frac{101}{3} = p - 35$

433) $4 + x = 2\frac{3}{4}$

434) $\frac{14839}{744} = a + 9\frac{28}{31}$

435) $m + 7\frac{13}{20} = 25\frac{11}{60}$

436) $\frac{11}{8} - r = -\frac{739}{56}$

437) $1\frac{3}{4} = 3\frac{1}{44} + n$

438) $2\frac{16}{165} = x - \left(-\frac{56}{33}\right)$

439) $n + \left(-\frac{4}{3}\right) = -\frac{49}{3}$

440) $v + 4 = \frac{30}{7}$

441) $-\frac{1117}{690} = -\frac{7}{46} + b$

442) $n - \left(-2\frac{17}{22}\right) = \frac{617}{286}$

443) $-\frac{366}{161} = -3\frac{29}{46} - x$

444) $-\frac{23}{90} = \frac{4}{5} + a$

445) $n - 4 = -54$

446) $3\frac{3}{11} + x = 39\frac{41}{110}$

447) $-\frac{106}{1645} = k + \frac{67}{35}$

448) $-4\frac{83}{144} = x - 5\frac{1}{48}$

449) $37\frac{28}{47} = m + 16$

450) $7\frac{275}{629} = \frac{14}{37} + p$

451) $\frac{8209}{348} = x + \frac{17}{12}$

452) $r + \left(-2\frac{47}{50}\right) = -\frac{47}{50}$

453) $17\frac{12}{185} = 14\frac{32}{37} - n$

454) $\frac{51}{52} = b - 14\frac{7}{26}$

455) $\frac{4}{13} + x = 6\frac{4}{13}$

456) $\frac{654}{25} = n - (-28)$

457) $-15 - a = -14\frac{3}{37}$

458) $-\frac{669}{28} = v - 22\frac{9}{14}$

459) $-2\frac{19}{273} = -\frac{25}{39} + x$

460) $-\frac{4}{3} - a = \frac{14}{93}$

461) $-\frac{351}{133} = x + \left(-\frac{10}{7}\right)$

462) $-\frac{5}{16} = -15 + x$

463) $12\frac{313}{406} = k - \frac{9}{14}$

464) $-9\frac{7}{16} = p - 7\frac{15}{16}$

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

466) $\frac{673}{336} = 3\frac{5}{16} + n$

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

468) $10\frac{20}{43} + n = 9\frac{45}{559}$

469) $34\frac{152}{195} = 8\frac{3}{5} - x$

470) $\frac{2287}{126} = -\frac{11}{18} + b$

471) $x - (-46) = \frac{837}{19}$

472) $v - (-15) = 30\frac{1}{7}$

473) $-\frac{130}{301} = n - \frac{11}{7}$

474) $-12\frac{34}{45} = p - 12\frac{34}{45}$

475) $\frac{42013}{1056} = 18\frac{29}{32} + a$

476) $\frac{17}{20} - x = -\frac{3}{20}$

477) $\frac{897}{35} = 1\frac{19}{20} + k$

478) $\frac{74}{45} - n = \frac{1322}{585}$

479) $p + (-34) = -35\frac{3}{5}$

480) $x - (-1) = \frac{377}{35}$

481) $-\frac{19}{11} - n = -40\frac{8}{11}$

482) $25\frac{269}{986} = 25\frac{21}{34} + m$

483) $b - \frac{60}{47} = 9\frac{496}{2115}$

484) $r + 17\frac{5}{22} = 16\frac{179}{352}$

485) $7\frac{4}{11} + x = 5\frac{151}{264}$

486) $1\frac{29}{36} = n - \left(-1\frac{29}{36}\right)$

487) $30\frac{35}{37} = a - (-34)$

488) $-\frac{13}{7} + v = \frac{1156}{105}$

489) $x + \left(-\frac{13}{12}\right) = \frac{1925}{156}$

490) $13\frac{19}{49} + x = 14\frac{704}{931}$

491) $p + \frac{31}{19} = 3\frac{488}{893}$

492) $-16\frac{202}{703} = n - 15\frac{34}{37}$

493) $1\frac{40}{91} = k - \left(-\frac{15}{13}\right)$

494) $4\frac{547}{598} = 4\frac{17}{26} + x$

495) $n + 36 = \frac{1465}{41}$

496) $m - 24\frac{17}{26} = -18\frac{27}{91}$

497) $22\frac{1}{2} - r = 21\frac{7}{9}$

498) $25\frac{7}{39} + x = 24\frac{1}{78}$

499) $\frac{263}{420} = -\frac{4}{15} + n$

500) $b + \left(-\frac{37}{40}\right) = \frac{19441}{1080}$

501) $-\frac{65}{12} = x - 3\frac{3}{4}$

502) $\frac{1833}{32} = n + 48$

503) $6\frac{297}{644} = v - 12\frac{23}{28}$

504) $6\frac{24}{41} = 8\frac{24}{41} + k$

505) $-\frac{212}{799} = a + \left(-\frac{32}{17}\right)$

506) $9\frac{7}{85} = 10\frac{15}{17} - p$

507) $-4\frac{61}{78} = \frac{5}{6} - x$

508) $\frac{39}{10} = 4 + p$

509) $2\frac{659}{660} = n + 3\frac{17}{30}$

510) $11\frac{2}{3} = m + 13\frac{1}{6}$

511) $-\frac{325}{228} = x - \left(-\frac{22}{19}\right)$

512) $20\frac{702}{2107} = 18\frac{31}{43} - n$

513) $\frac{23777}{912} = b + 20\frac{16}{19}$

514) $13\frac{311}{392} = r + \left(-\frac{1}{8}\right)$

515) $\frac{1567}{96} = x + \left(-\frac{19}{32}\right)$

516) $-24\frac{53}{1980} = -2\frac{37}{45} - a$

517) $34\frac{5}{14} = 17 + v$

518) $12\frac{55}{168} = n - 11\frac{5}{8}$

519) $\frac{43}{46} = x + 1\frac{43}{46}$

520) $-20\frac{254}{527} = -\frac{23}{17} - x$

521) $-\frac{9357}{1394} = -\frac{1}{34} - k$

522) $8\frac{163}{210} = n - \left(-\frac{4}{5}\right)$

523) $\frac{4825}{897} = 6\frac{4}{23} + p$

524) $-16\frac{19}{41} = n - 17$

525) $7\frac{396}{893} = x + 8\frac{6}{47}$

526) $\frac{3}{4} = \frac{1}{6} - m$

527) $-\frac{130}{99} = r - 21\frac{35}{36}$

528) $27\frac{43}{52} = 20\frac{1}{12} + x$

529) $\frac{23300}{1617} = n + 17\frac{26}{49}$

530) $2\frac{629}{825} = b - \left(-\frac{38}{25}\right)$

531) $-\frac{50}{7} = -\frac{1}{7} - v$

532) $-4\frac{9}{32} = n + (-14)$

533) $20\frac{841}{1075} = x - \frac{38}{25}$

534) $19\frac{51}{760} = a + 6\frac{13}{38}$

535) $-2\frac{3}{7} = -2 - p$

536) $\frac{79}{21} = 1\frac{13}{14} - k$

537) $1\frac{97}{702} = x - \left(-\frac{38}{27}\right)$

538) $\frac{88}{5} = 10\frac{1}{2} + n$

539) $29\frac{217}{440} = m + 3\frac{27}{40}$

540) $-\frac{857}{80} = 5\frac{3}{16} - r$

541) $-12\frac{869}{920} = \frac{17}{40} - x$

542) $-\frac{1}{2} = b + \left(-\frac{3}{2}\right)$

543) $\frac{289}{87} = \frac{48}{29} - n$

544) $\frac{139}{58} = \frac{55}{29} + r$

545) $-8\frac{6}{17} = x - 8\frac{6}{17}$

546) $\frac{2641}{210} = 13\frac{41}{42} - n$

547) $-46\frac{1}{13} = v + (-46)$

548) $-17\frac{145}{252} = -\frac{11}{18} - a$

549) $20\frac{10}{31} = 18\frac{10}{31} + x$

550) $37\frac{9}{19} = k + \left(-\frac{29}{19}\right)$

551) $\frac{37}{48} = x - 1\frac{1}{6}$

552) $\frac{9599}{1488} = n - \left(-\frac{34}{31}\right)$

553) $\frac{3181}{396} = p + \left(-\frac{67}{44}\right)$

554) $1\frac{391}{420} = \frac{11}{20} + x$

555) $\frac{429}{152} = n - \left(-\frac{7}{8}\right)$

556) $\frac{1987}{495} = m - \left(-1\frac{32}{33}\right)$

557) $\frac{415}{8} = 1\frac{7}{8} + r$

558) $-4\frac{15}{23} = x + \left(-\frac{15}{23}\right)$

559) $19\frac{17}{120} = n + \left(-\frac{4}{3}\right)$

560) $\frac{1951}{552} = b - 8\frac{31}{46}$

561) $-12\frac{828}{1505} = v - 12\frac{16}{35}$

562) $\frac{59}{30} = x + \frac{9}{5}$

563) $-\frac{69}{385} = \frac{16}{35} + n$

564) $\frac{7}{23} = a + \left(-\frac{18}{23}\right)$

565) $\frac{355}{33} = p - 2$

566) $\frac{235}{56} = \frac{23}{24} - k$

567) $\frac{22271}{912} = x + 24\frac{5}{48}$

568) $37\frac{27}{1258} = 18\frac{28}{37} + n$

569) $-\frac{61}{84} = -\frac{23}{12} + m$

570) $-14\frac{25}{148} = -\frac{34}{37} - r$

571) $-5\frac{697}{1050} = 12\frac{9}{25} - x$

572) $\frac{2247}{50} = 4\frac{47}{50} + n$

573) $\frac{9}{13} = -\frac{5}{13} + b$

574) $\frac{214}{175} = r + \frac{1}{7}$

575) $1\frac{421}{897} = \frac{20}{39} - x$

576) $-\frac{17}{70} = n - \left(-\frac{11}{14}\right)$

577) $\frac{166}{39} = a + 2\frac{1}{3}$

578) $\frac{7231}{675} = 4\frac{16}{27} + v$

579) $32\frac{1}{8} = x + 6\frac{2}{3}$

580) $\frac{2977}{246} = x - \left(-\frac{11}{41}\right)$

581) $-\frac{39}{80} = n - \frac{11}{16}$

582) $25\frac{241}{861} = 11\frac{31}{41} + k$

583) $12\frac{471}{580} = 4\frac{25}{29} + p$

584) $-23\frac{9}{40} = \frac{2}{5} - x$

585) $\frac{814}{29} = n - \frac{27}{29}$

586) $-25\frac{83}{185} = -\frac{9}{5} - m$

587) $36\frac{679}{731} = r + 18\frac{2}{43}$

588) $\frac{905}{43} = 21\frac{2}{43} - n$

589) $18\frac{65}{72} = x + 19\frac{5}{18}$

590) $11\frac{317}{434} = 23\frac{16}{31} - b$

591) $11\frac{3}{7} = v - \frac{2}{7}$

592) $-\frac{1945}{558} = -\frac{3}{31} + x$

593) $26\frac{229}{620} = n + 6\frac{19}{20}$

594) $-8\frac{1}{10} = k - \frac{1}{10}$

595) $\frac{11579}{585} = 23\frac{8}{45} - a$

596) $-\frac{97}{117} = p - \left(-\frac{2}{9}\right)$

597) $13\frac{886}{1221} = x + \left(-\frac{26}{33}\right)$

598) $\frac{302}{63} = n + 6\frac{2}{9}$

599) $9 = 10\frac{3}{22} - r$

600) $6\frac{73}{138} = 7\frac{9}{46} - m$

601) $-\frac{542}{1645} = -\frac{51}{35} + n$

602) $\frac{38437}{1430} = b + \frac{42}{55}$

603) $x - 11\frac{14}{17} = \frac{11}{17}$

604) $3\frac{4343}{4964} = v - 31\frac{51}{73}$

605) $\frac{6071}{186} = n - \left(-\frac{4}{3}\right)$

606) $a + \left(-\frac{13}{31}\right) = -\frac{1246}{1271}$

607) $\frac{12019}{1748} = 20\frac{37}{92} - x$

608) $46\frac{41}{88} - x = \frac{112441}{1320}$

609) $-\frac{44795}{1518} = x - 29\frac{32}{69}$

610) $77\frac{1483}{3550} = v + 40\frac{23}{50}$

611) $-35\frac{18}{161} = n - 50\frac{2}{7}$

612) $1\frac{5}{6} = \frac{3}{2} + p$

613) $2\frac{4621}{5952} = x - \left(-\frac{113}{64}\right)$

614) $k + 39\frac{8}{27} = 39\frac{935}{1971}$

615) $-11\frac{541}{2100} = 5\frac{59}{84} - n$

616) $\frac{3586}{75} = 48\frac{1}{3} + m$

617) $\frac{363}{410} = -\frac{17}{41} + x$

618) $17\frac{137}{165} = r + \left(-\frac{3}{22}\right)$

619) $-2\frac{119}{220} = n - 29\frac{37}{60}$

620) $3\frac{6}{79} - b = 1\frac{4181}{6162}$

621) $35\frac{69}{97} + v = 37\frac{643}{2813}$

622) $x + 24\frac{11}{18} = \frac{94541}{1422}$

623) $43\frac{7}{12} = n + \frac{1}{4}$

624) $a - \left(-\frac{10}{11}\right) = 35\frac{589}{902}$

625) $k - \frac{57}{37} = 22\frac{149}{2257}$

626) $p + 41\frac{35}{93} = 39\frac{277}{434}$

627) $x + 22\frac{1}{13} = 63\frac{227}{416}$

628) $-\frac{19}{51} - m = -1\frac{365}{1938}$

629) $\frac{661}{16} = n + \frac{21}{16}$

630) $3\frac{865}{1932} = r - 42\frac{34}{69}$

631) $30\frac{64}{89} = x + 31\frac{64}{89}$

632) $\frac{1558}{27} = b + \left(-2\frac{8}{27}\right)$

633) $97\frac{527}{696} = 99\frac{1}{8} + n$

634) $-\frac{40}{47} - v = 1\frac{450}{3337}$

635) $-\frac{22}{13} - x = -\frac{21549}{650}$

636) $\frac{31}{21} + n = 23\frac{269}{609}$

637) $x - \left(-\frac{20}{41}\right) = 1\frac{726}{2665}$

638) $\frac{4837}{92} = v + 50\frac{19}{23}$

639) $\frac{2273}{76} = a + 7\frac{1}{4}$

640) $k + 5\frac{27}{98} = -59\frac{71}{98}$

641) $n + 27\frac{79}{80} = 29\frac{7}{80}$

642) $\frac{1549}{660} = x - \left(-\frac{29}{60}\right)$

643) $37\frac{517}{522} = 38\frac{11}{18} + p$

644) $-\frac{31}{28} - n = -\frac{1583}{532}$

645) $-73\frac{10}{37} = -\frac{47}{37} - x$

646) $r + \frac{151}{94} = \frac{107}{564}$

647) $-\frac{538}{333} = \frac{6}{37} + m$

648) $x - 10\frac{3}{14} = 9\frac{192}{329}$

649) $-3\frac{1109}{3040} = 22\frac{21}{32} - n$

650) $\frac{14522}{429} = b - \frac{11}{13}$

651) $\frac{2665}{84} = v + \left(-\frac{13}{7}\right)$

652) $\frac{364147}{8633} = 44\frac{6}{89} + x$

653) $a - \left(-59\frac{17}{28}\right) = 59\frac{97}{252}$

654) $\frac{4705}{144} = 33\frac{4}{9} - x$

655) $94\frac{46}{1269} = -\frac{7}{47} - k$

656) $p + \left(-\frac{31}{65}\right) = 37\frac{303}{455}$

657) $-\frac{23}{85} + x = \frac{472}{17}$

658) $n - \frac{7}{4} = -\frac{15}{8}$

659) $\frac{151}{80} + n = \frac{221689}{6320}$

660) $-\frac{18467}{1173} = 9\frac{5}{23} - m$

661) $\frac{6073}{6100} = \frac{4}{61} + x$

662) $\frac{91}{86} = r - \left(-2\frac{24}{43}\right)$

663) $7\frac{14}{19} - v = 8\frac{32}{95}$

664) $18\frac{92}{99} - b = -21\frac{163}{594}$

665) $-\frac{88}{285} = n + \frac{64}{57}$

666) $\frac{16208}{407} = 39\frac{17}{37} - x$

667) $-\frac{65}{76} + a = -\frac{12725}{5548}$

668) $k - \frac{111}{94} = \frac{128819}{4982}$

669) $-\frac{507}{32} = 2 - x$

670) $37\frac{31}{33} - x = \frac{2405}{66}$

671) $k + \left(-\frac{130}{71}\right) = -\frac{959}{4828}$

672) $n + 26\frac{29}{52} = 24\frac{1127}{1508}$

673) $46\frac{7}{10} - x = \frac{5117}{110}$

674) $-\frac{701}{423} = p - \frac{13}{9}$

675) $n + 47\frac{5}{28} = \frac{8229}{140}$

676) $-\frac{31}{66} + r = -\frac{239}{462}$

677) $4\frac{61}{144} = m + 2\frac{47}{48}$

678) $\frac{4}{5} - n = 2\frac{53}{110}$

679) $-2\frac{1163}{1190} = x - \frac{162}{85}$

680) $14\frac{491}{888} = 13\frac{23}{24} + b$

681) $\frac{273}{43} = 11\frac{15}{43} + v$

682) $x - \frac{106}{81} = \frac{116687}{2997}$

683) $-\frac{239}{248} = \frac{41}{62} + x$

684) $21\frac{17}{20} + k = 22\frac{13}{30}$

685) $a - \left(-\frac{59}{33}\right) = 31\frac{47}{55}$

686) $x + \frac{37}{57} = \frac{11852}{1311}$

687) $26\frac{997}{2850} = p + 29\frac{29}{38}$

688) $\frac{135}{77} - n = -42\frac{1744}{2387}$

689) $m - \left(-\frac{39}{95}\right) = \frac{1579}{190}$

690) $-\frac{1}{5} + r = 24\frac{127}{440}$

691) $39\frac{47}{53} + n = \frac{15328}{371}$

692) $39\frac{303}{476} = 2\frac{1}{34} + x$

693) $\frac{132277}{5112} = 28\frac{4}{71} - b$

694) $-\frac{39}{10} = v - \frac{19}{10}$

695) $26\frac{733}{913} = -\frac{19}{11} + x$

696) $a + 36\frac{7}{48} = 79\frac{1771}{1776}$

697) $47\frac{367}{696} = n + 48\frac{2}{29}$

698) $k - 25\frac{21}{67} = -\frac{59686}{1675}$

699) $\frac{4}{5} + x = 33\frac{103}{385}$

700) $-\frac{10133}{4214} = x - \frac{74}{43}$

One-step equations - addition and subtraction - fractions

Solve each equation.

1) $7 + n = 12$ $\{5\}$

2) $x + 1\frac{1}{5} = 4\frac{1}{30}$ $\left\{2\frac{5}{6}\right\}$

3) $m + \frac{12}{7} = 5\frac{11}{35}$ $\left\{3\frac{3}{5}\right\}$

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

5) $x - 2 = 3\frac{8}{9}$ $\left\{5\frac{8}{9}\right\}$

6) $-3\frac{3}{10} + n = -1\frac{9}{10}$ $\left\{1\frac{2}{5}\right\}$

7) $-2\frac{3}{10} + b = -6\frac{1}{20}$ $\left\{-3\frac{3}{4}\right\}$

8) $v + \frac{2}{3} = 2\frac{13}{24}$ $\left\{1\frac{7}{8}\right\}$

9) $n - 2 = 7$ $\{9\}$

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

11) $2\frac{4}{5} + a = 3\frac{7}{15}$ $\left\{\frac{2}{3}\right\}$

12) $-2 + x = -2$ $\{0\}$

13) $k + 1\frac{5}{6} = 2\frac{11}{24}$ $\left\{\frac{5}{8}\right\}$

14) $n - \frac{7}{9} = \frac{23}{63}$ $\left\{1\frac{1}{7}\right\}$

15) $x - \frac{2}{7} = \frac{17}{63}$ $\left\{\frac{5}{9}\right\}$

16) $\frac{3}{2} + m = -\frac{1}{6}$ $\left\{-1\frac{2}{3}\right\}$

17) $x - 3\frac{1}{3} = -\frac{16}{3}$ $\{-2\}$

18) $p + 1\frac{7}{10} = \frac{71}{30}$ $\left\{\frac{2}{3}\right\}$

19) $n - 2 = -5\frac{3}{4}$ $\left\{-3\frac{3}{4}\right\}$

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

21) $r + 5\frac{3}{5} = 5\frac{39}{40}$ $\left\{\frac{3}{8}\right\}$

22) $x + 1\frac{5}{6} = -1\frac{1}{24}$ $\left\{-2\frac{7}{8}\right\}$

23) $n - 1\frac{3}{7} = \frac{47}{70}$ $\left\{2\frac{1}{10}\right\}$

24) $v - 9 = -7$ $\{2\}$

25) $a - \frac{3}{4} = 1\frac{3}{28}$ $\left\{1\frac{6}{7}\right\}$

26) $x + \frac{3}{2} = -\frac{3}{8}$ $\left\{-1\frac{7}{8}\right\}$

27) $-\frac{1}{9} + x = 1\frac{22}{45}$ $\left\{1\frac{3}{5}\right\}$

28) $a - 5\frac{1}{2} = -4\frac{3}{4}$ $\left\{\frac{3}{4}\right\}$

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

30) $p - \frac{1}{2} = \frac{51}{14}$ $\left\{4\frac{1}{7}\right\}$

31) $x + 1 = 4\frac{1}{5}$ $\left\{3\frac{1}{5}\right\}$

32) $-3\frac{1}{6} + n = -\frac{283}{42}$ $\left\{-3\frac{4}{7}\right\}$

33) $m - 3\frac{1}{6} = 1$ $\left\{4\frac{1}{6}\right\}$

34) $r - 2\frac{7}{8} = -1\frac{7}{8}$ $\{1\}$

35) $\frac{14}{9} + n = 3\frac{11}{36}$ $\left\{1\frac{3}{4}\right\}$

36) $x - \frac{5}{8} = 2\frac{7}{8}$ $\left\{3\frac{1}{2}\right\}$

37) $-2 + b = \frac{23}{6}$ $\left\{5\frac{5}{6}\right\}$

38) $v - \frac{1}{2} = \frac{29}{6}$ $\left\{5\frac{1}{3}\right\}$

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

40) $n - 5\frac{3}{4} = -4\frac{11}{12}$ $\left\{\frac{5}{6}\right\}$

41) $-1 + a = -\frac{2}{3}$ $\left\{\frac{1}{3}\right\}$

42) $k + \frac{4}{3} = \frac{8}{15}$ $\left\{-\frac{4}{5}\right\}$

43) $p - 2\frac{5}{7} = -\frac{26}{7}$ $\{-1\}$

44) $x - 3\frac{1}{8} = -2\frac{1}{8}$ $\{1\}$

45) $n - 4\frac{3}{8} = -4\frac{1}{8}$ $\left\{\frac{1}{4}\right\}$

46) $m + 1\frac{4}{9} = \frac{37}{63}$ $\left\{-\frac{6}{7}\right\}$

47) $2 + p = 2\frac{1}{3}$ $\left\{\frac{1}{3}\right\}$

48) $x - 1 = -\frac{17}{7}$ $\left\{-1\frac{3}{7}\right\}$

49) $n - 3\frac{2}{3} = -3\frac{8}{21}$ $\left\{\frac{2}{7}\right\}$

50) $b + 1\frac{1}{4} = 2\frac{7}{12}$ $\left\{1\frac{1}{3}\right\}$

51) $r + 3\frac{1}{5} = \frac{37}{10}$ $\left\{\frac{1}{2}\right\}$

52) $x + \frac{3}{5} = -\frac{19}{35}$ $\left\{-1\frac{1}{7}\right\}$

53) $n - \frac{1}{7} = -\frac{25}{28}$ $\left\{-\frac{3}{4}\right\}$

54) $a - 1\frac{1}{7} = -2\frac{9}{14}$ $\left\{-1\frac{1}{2}\right\}$

55) $-3\frac{7}{8} + v = -6\frac{3}{8}$ $\left\{-2\frac{1}{2}\right\}$

56) $4\frac{1}{10} + x = 1\frac{37}{70}$ $\left\{-2\frac{4}{7}\right\}$

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

58) $x + 1\frac{1}{5} = 2\frac{2}{5}$ $\left\{1\frac{1}{5}\right\}$

59) $n - \frac{1}{2} = -\frac{7}{8}$ $\left\{-\frac{3}{8}\right\}$

60) $4\frac{1}{4} + p = \frac{157}{36}$ $\left\{\frac{1}{9}\right\}$

61) $\frac{1}{6} + n = -\frac{53}{6}$ $\{-9\}$

62) $x + 5\frac{3}{4} = 7\frac{11}{20}$ $\left\{1\frac{4}{5}\right\}$

63) $m - \frac{5}{7} = \frac{11}{14}$ $\left\{1\frac{1}{2}\right\}$

64) $\frac{3}{8} + x = -\frac{3}{8}$ $\left\{-\frac{3}{4}\right\}$

65) $r - 1\frac{5}{7} = 1\frac{51}{56}$ $\left\{3\frac{5}{8}\right\}$

66) $n + 2\frac{5}{9} = 4\frac{1}{18}$ $\left\{1\frac{1}{2}\right\}$

67) $b + 5\frac{9}{10} = 7\frac{4}{5}$ $\left\{1\frac{9}{10}\right\}$

68) $v - \frac{6}{5} = 2\frac{29}{30}$ $\left\{4\frac{1}{6}\right\}$

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

70) $n + 3\frac{3}{4} = \frac{83}{12}$ $\left\{3\frac{1}{6}\right\}$

71) $3\frac{3}{4} + a = 3\frac{5}{12}$ $\left\{-\frac{1}{3}\right\}$

72) $1\frac{1}{6} + k = -\frac{11}{42}$ $\left\{-1\frac{3}{7}\right\}$

73) $p - 4\frac{5}{6} = -\frac{55}{12}$ $\left\{\frac{1}{4}\right\}$

74) $1\frac{1}{9} + m = \frac{100}{9}$ $\{10\}$

75) $-\frac{1}{8} + n = -\frac{91}{24}$ $\left\{-3\frac{2}{3}\right\}$

76) $x - 1\frac{2}{7} = -2\frac{13}{21}$ $\left\{-1\frac{1}{3}\right\}$

77) $-1\frac{7}{10} + p = \frac{2}{15}$ $\left\{1\frac{5}{6}\right\}$

78) $n - 2 = -\frac{20}{9}$ $\left\{-\frac{2}{9}\right\}$

79) $x - 4\frac{1}{2} = -2\frac{9}{10}$ $\left\{1\frac{3}{5}\right\}$

80) $-\frac{5}{3} + b = -\frac{8}{21}$ $\left\{1\frac{2}{7}\right\}$

81) $r + 1\frac{3}{4} = 3\frac{3}{8}$ $\left\{1\frac{5}{8}\right\}$

82) $x - 3\frac{2}{5} = -4\frac{2}{5}$ $\{-1\}$

83) $n - 2\frac{1}{6} = -\frac{5}{12}$ $\left\{1\frac{3}{4}\right\}$

84) $a - \frac{5}{7} = -\frac{123}{35}$ $\left\{-2\frac{4}{5}\right\}$

85) $v + \frac{1}{4} = -1\frac{9}{20}$ $\left\{-1\frac{7}{10}\right\}$

86) $x + 1\frac{1}{3} = \frac{151}{21}$ $\left\{5\frac{6}{7}\right\}$

87) $x - 2\frac{4}{9} = \frac{23}{90}$ $\left\{2\frac{7}{10}\right\}$

88) $n - 1\frac{1}{2} = -1\frac{3}{10}$ $\left\{\frac{1}{5}\right\}$

89) $k - 2\frac{1}{3} = \frac{29}{12}$ $\left\{4\frac{3}{4}\right\}$

90) $p + 2 = \frac{3}{5}$ $\left\{-1\frac{2}{5}\right\}$

91) $-\frac{4}{5} + x = \frac{2}{5}$ $\left\{1\frac{1}{5}\right\}$

92) $n - \frac{1}{5} = 1\frac{11}{45}$ $\left\{1\frac{4}{9}\right\}$

93) $m - 2\frac{1}{6} = -1\frac{7}{18}$ $\left\{\frac{7}{9}\right\}$

94) $r - 4\frac{4}{7} = -3\frac{47}{70}$ $\left\{\frac{9}{10}\right\}$

95) $x + 1\frac{5}{8} = -\frac{53}{24}$ $\left\{-3\frac{5}{6}\right\}$

96) $b - \frac{1}{2} = \frac{1}{2}$ $\{1\}$

97) $\frac{4}{3} + n = 3\frac{1}{3}$ $\{2\}$

98) $v - 2\frac{1}{2} = 4\frac{1}{2}$ $\{7\}$

99) $-1\frac{1}{3} + n = -\frac{1}{3}$ $\{1\}$

100) $x - 1\frac{1}{2} = -3\frac{2}{3}$ $\left\{-2\frac{1}{6}\right\}$

101) $a + \frac{7}{5} = -2\frac{19}{65}$ $\left\{-3\frac{9}{13}\right\}$

102) $k - \frac{1}{2} = -\frac{81}{22}$ $\left\{-3\frac{2}{11}\right\}$

103) $\frac{11}{12} + n = \frac{67}{60}$ $\left\{\frac{1}{5}\right\}$

104) $-2\frac{2}{15} = x - 1\frac{2}{15}$ $\{-1\}$

105) $-6\frac{49}{156} = p - 3\frac{3}{13}$ $\left\{-3\frac{1}{12}\right\}$

106) $1\frac{1}{12} = m + \frac{3}{4}$ $\left\{\frac{1}{3}\right\}$

107) $r - \frac{3}{11} = -\frac{269}{99}$ $\left\{-2\frac{4}{9}\right\}$

108) $n - 5\frac{1}{4} = -5\frac{23}{28}$ $\left\{-\frac{4}{7}\right\}$

109) $x - 1\frac{1}{7} = 5\frac{1}{42}$ $\left\{6\frac{1}{6}\right\}$

110) $r + 3\frac{1}{3} = \frac{17}{15}$ $\left\{-2\frac{1}{5}\right\}$

111) $11\frac{33}{91} = b + 4\frac{2}{7}$ $\left\{7\frac{1}{13}\right\}$

112) $x - \frac{3}{7} = -\frac{4}{91}$ $\left\{\frac{5}{13}\right\}$

113) $-1\frac{3}{4} = n - 2$ $\left\{\frac{1}{4}\right\}$

114) $6\frac{56}{117} = -1\frac{1}{13} + a$ $\left\{7\frac{5}{9}\right\}$

115) $-15\frac{8}{9} = -3\frac{8}{9} + v$ $\{-12\}$

116) $n - \frac{7}{5} = -\frac{2}{5}$ $\{1\}$

117) $-1\frac{4}{11} = -1 - x$ $\left\{\frac{4}{11}\right\}$

118) $3\frac{65}{84} = x + 1\frac{11}{12}$ $\left\{1\frac{6}{7}\right\}$

119) $-\frac{5}{14} = k + 2$ $\left\{-2\frac{5}{14}\right\}$

120) $\frac{9}{2} = 1\frac{3}{4} + p$ $\left\{2\frac{3}{4}\right\}$

121) $n - 1\frac{5}{11} = -3\frac{5}{11}$ $\{-2\}$

122) $\frac{73}{30} = \frac{2}{15} + x$ $\left\{2\frac{3}{10}\right\}$

123) $m - \frac{1}{14} = -\frac{59}{42}$ $\left\{-1\frac{1}{3}\right\}$

124) $-\frac{9}{10} = 5\frac{1}{10} + n$ $\{-6\}$

125) $\frac{149}{132} = \frac{17}{11} + r$ $\left\{-\frac{5}{12}\right\}$

126) $10\frac{37}{42} = x + 6\frac{5}{7}$ $\left\{4\frac{1}{6}\right\}$

127) $-2\frac{31}{78} = b - \frac{7}{6}$ $\left\{-1\frac{3}{13}\right\}$

128) $-1 + n = \frac{5}{9}$ $\left\{1\frac{5}{9}\right\}$

129) $-\frac{5}{3} - v = -3\frac{1}{6}$ $\left\{1\frac{1}{2}\right\}$

130) $\frac{4}{5} = x + \frac{9}{5}$ $\{-1\}$

131) $\frac{1067}{195} = a + 3\frac{7}{13}$ $\left\{1\frac{14}{15}\right\}$

132) $4\frac{7}{12} = 6\frac{7}{12} - p$ $\{2\}$

133) $-6\frac{4}{5} = k - 5\frac{2}{15}$ $\left\{-1\frac{2}{3}\right\}$

134) $-\frac{1}{5} + n = -1\frac{31}{55}$ $\left\{-1\frac{4}{11}\right\}$

135) $\frac{73}{12} = x + 1\frac{1}{4}$ $\left\{4\frac{5}{6}\right\}$

136) $2\frac{3}{8} + m = 1\frac{1}{24}$ $\left\{-1\frac{1}{3}\right\}$

137) $\frac{11}{15} - x = 1\frac{7}{30}$ $\left\{-\frac{1}{2}\right\}$

138) $r - \frac{1}{4} = -1\frac{17}{36}$ $\left\{-1\frac{2}{9}\right\}$

139) $3\frac{5}{12} = n + 1\frac{2}{3}$ $\left\{1\frac{3}{4}\right\}$

140) $r + \frac{7}{10} = \frac{149}{70}$ $\left\{1\frac{3}{7}\right\}$

141) $\frac{46}{105} = \frac{11}{7} + b$ $\left\{-1\frac{2}{15}\right\}$

142) $-5\frac{73}{156} = x - 4\frac{5}{13}$ $\left\{-1\frac{1}{12}\right\}$

143) $-3\frac{9}{10} - n = -5\frac{2}{5}$ $\left\{1\frac{1}{2}\right\}$

144) $a + 2\frac{1}{6} = \frac{367}{78}$ $\left\{2\frac{7}{13}\right\}$

145) $\frac{20}{117} = v + \frac{5}{9}$ $\left\{-\frac{5}{13}\right\}$

146) $x - 2\frac{1}{2} = -\frac{4}{5}$ $\left\{1\frac{7}{10}\right\}$

147) $2\frac{54}{55} = \frac{9}{5} - x$ $\left\{-1\frac{2}{11}\right\}$

148) $\frac{7}{8} = n - \frac{3}{4}$ $\left\{1\frac{5}{8}\right\}$

149) $\frac{5}{6} = p + \frac{11}{6}$ $\{-1\}$

150) $-1\frac{13}{30} = \frac{2}{5} + k$ $\left\{-1\frac{5}{6}\right\}$

151) $\frac{17}{14} - x = \frac{139}{126}$ $\left\{\frac{1}{9}\right\}$

152) $n - 1\frac{7}{11} = -1\frac{31}{66}$ $\left\{\frac{1}{6}\right\}$

153) $r + 1\frac{1}{4} = -12\frac{3}{4}$ $\{-14\}$

154) $n - \frac{5}{3} = \frac{1}{39}$ $\left\{1\frac{9}{13}\right\}$

155) $2\frac{5}{63} = m - \frac{1}{7}$ $\left\{2\frac{2}{9}\right\}$

156) $-4\frac{41}{42} = -3\frac{5}{6} + x$ $\left\{-1\frac{1}{7}\right\}$

157) $\frac{1}{4} = -1 - b$ $\left\{-1\frac{1}{4}\right\}$

158) $2 - a = 1$ $\{1\}$

159) $x + 3\frac{12}{13} = \frac{88}{39}$ $\left\{-1\frac{2}{3}\right\}$

160) $-2 = -3\frac{1}{2} - v$ $\left\{-1\frac{1}{2}\right\}$

161) $2\frac{13}{45} = n + 1\frac{8}{9}$ $\left\{\frac{2}{5}\right\}$

162) $-3\frac{1}{2} = k - 1\frac{3}{4}$ $\left\{-1\frac{3}{4}\right\}$

163) $-3\frac{3}{5} - p = -7\frac{17}{70}$ $\left\{3\frac{9}{14}\right\}$

164) $1\frac{23}{24} = x + \frac{5}{8}$ $\left\{1\frac{1}{3}\right\}$

165) $4\frac{1}{4} + n = 10\frac{7}{20}$ $\left\{6\frac{1}{10}\right\}$

166) $4\frac{13}{15} - m = \frac{187}{60}$ $\left\{1\frac{3}{4}\right\}$

167) $-1\frac{1}{12} = r - \frac{5}{3}$ $\left\{\frac{7}{12}\right\}$

168) $x - 1\frac{5}{14} = -\frac{87}{28}$ $\left\{-1\frac{3}{4}\right\}$

169) $-1\frac{2}{13} + b = -2\frac{171}{182}$ $\left\{-1\frac{11}{14}\right\}$

170) $\frac{33}{10} = n + 3\frac{1}{10}$ $\left\{\frac{1}{5}\right\}$

171) $\frac{7}{10} - v = -1\frac{1}{10}$ $\left\{1\frac{4}{5}\right\}$

172) $x - \frac{5}{6} = 4\frac{7}{15}$ $\left\{5\frac{3}{10}\right\}$

173) $4\frac{1}{5} + a = 2\frac{16}{55}$ $\left\{-1\frac{10}{11}\right\}$

174) $1\frac{1}{24} = n - \frac{1}{3}$ $\left\{1\frac{3}{8}\right\}$

175) $\frac{109}{14} = v + 1\frac{1}{2}$ $\left\{6\frac{2}{7}\right\}$

176) $x - \frac{1}{15} = -1\frac{4}{5}$ $\left\{-1\frac{11}{15}\right\}$

177) $2\frac{13}{36} = 2\frac{11}{12} - x$ $\left\{\frac{5}{9}\right\}$

178) $\frac{3}{2} + n = 2\frac{2}{3}$ $\left\{1\frac{1}{6}\right\}$

179) $2 + k = 3\frac{1}{3}$ $\left\{1\frac{1}{3}\right\}$

180) $p + 3\frac{9}{11} = 4\frac{1}{55}$ $\left\{\frac{1}{5}\right\}$

181) $\frac{3}{4} - n = \frac{5}{3}$ $\left\{-\frac{11}{12}\right\}$

182) $x - 6\frac{6}{7} = -8\frac{45}{77}$ $\left\{-1\frac{8}{11}\right\}$

183) $1\frac{2}{3} = 1\frac{2}{3} + r$ $\{0\}$

184) $\frac{19}{70} = -\frac{10}{7} + m$ $\left\{1\frac{7}{10}\right\}$

185) $\frac{1}{14} + x = -1\frac{3}{56}$ $\left\{-1\frac{1}{8}\right\}$

186) $6\frac{1}{7} = 7\frac{1}{2} - n$ $\left\{1\frac{5}{14}\right\}$

187) $7\frac{4}{9} + v = 3\frac{23}{45}$ $\left\{-3\frac{14}{15}\right\}$

188) $b - 2\frac{8}{13} = -2\frac{61}{78}$ $\left\{-\frac{1}{6}\right\}$

189) $x + 1\frac{5}{6} = \frac{79}{30}$ $\left\{\frac{4}{5}\right\}$

190) $2\frac{3}{11} = 2 + n$ $\left\{\frac{3}{11}\right\}$

191) $\frac{9}{4} = p + 2$ $\left\{\frac{1}{4}\right\}$

192) $-4\frac{3}{5} = a - 4\frac{3}{5}$ $\{0\}$

193) $k - 5\frac{1}{2} = 1\frac{11}{18}$ $\left\{7\frac{1}{9}\right\}$

194) $-\frac{14}{15} + x = -1\frac{3}{5}$ $\left\{-\frac{2}{3}\right\}$

195) $n + 3\frac{4}{11} = 3\frac{63}{143}$ $\left\{\frac{1}{13}\right\}$

196) $m - 7\frac{1}{14} = -10\frac{19}{70}$ $\left\{-3\frac{1}{5}\right\}$

197) $5\frac{4}{11} = 6\frac{8}{11} - r$ $\left\{1\frac{4}{11}\right\}$

198) $-6\frac{1}{7} = x + 5\frac{6}{7}$ $\{-12\}$

199) $b + 1\frac{2}{3} = 4\frac{17}{39}$ $\left\{2\frac{10}{13}\right\}$

200) $2\frac{69}{70} = \frac{7}{10} + n$ $\left\{2\frac{2}{7}\right\}$

201) $n + 4\frac{3}{4} = 4\frac{27}{28}$ $\left\{\frac{3}{14}\right\}$

202) $\frac{7}{6} = \frac{5}{6} - x$ $\left\{-\frac{1}{3}\right\}$

203) $\frac{3}{2} - v = 2$ $\left\{-\frac{1}{2}\right\}$

204) $3\frac{8}{19} = 2 + a$ $\left\{1\frac{8}{19}\right\}$

205) $\frac{5}{6} - v = -\frac{109}{24}$ $\left\{5\frac{3}{8}\right\}$

206) $x - 1\frac{1}{4} = -\frac{11}{20}$ $\left\{\frac{7}{10}\right\}$

207) $x - 1\frac{9}{20} = \frac{1149}{380}$ $\left\{4\frac{9}{19}\right\}$

208) $5\frac{2}{3} + k = \frac{356}{57}$ $\left\{\frac{11}{19}\right\}$

209) $9\frac{13}{18} + n = 10\frac{5}{18}$ $\left\{\frac{5}{9}\right\}$

210) $n - 1 = -3$ $\{-2\}$

211) $-1\frac{7}{15} = p - \frac{3}{10}$ $\left\{-1\frac{1}{6}\right\}$

212) $m + \frac{17}{20} = \frac{43}{80}$ $\left\{-\frac{5}{16}\right\}$

213) $-\frac{43}{78}=\frac{5}{6}-x$ $\left\{1\frac{5}{13}\right\}$

214) $r+2\frac{2}{17}=\frac{123}{34}$ $\left\{1\frac{1}{2}\right\}$

215) $n-\frac{10}{19}=-\frac{547}{209}$ $\left\{-2\frac{1}{11}\right\}$

216) $8\frac{6}{17}-b=\frac{883}{238}$ $\left\{4\frac{9}{14}\right\}$

217) $v+1\frac{1}{3}=\frac{29}{18}$ $\left\{\frac{5}{18}\right\}$

218) $\frac{7}{33}=\frac{5}{3}-x$ $\left\{1\frac{5}{11}\right\}$

219) $\frac{29}{57}=\frac{16}{19}+x$ $\left\{-\frac{1}{3}\right\}$

220) $a-1=-1\frac{15}{16}$ $\left\{-\frac{15}{16}\right\}$

221) $19=p+1$ $\{18\}$

222) $-\frac{34}{19}-k=-1\frac{46}{323}$ $\left\{-\frac{11}{17}\right\}$

223) $-\frac{109}{51}=x-\frac{8}{17}$ $\left\{-1\frac{2}{3}\right\}$

224) $\frac{31}{16}-m=1\frac{65}{112}$ $\left\{\frac{5}{14}\right\}$

225) $n-6\frac{14}{19}=-\frac{620}{171}$ $\left\{3\frac{1}{9}\right\}$

226) $r-\frac{9}{14}=-\frac{41}{42}$ $\left\{-\frac{1}{3}\right\}$

227) $2\frac{5}{14}=2\frac{1}{2}+x$ $\left\{-\frac{1}{7}\right\}$

228) $x+2\frac{13}{18}=4\frac{2}{9}$ $\left\{1\frac{1}{2}\right\}$

229) $4\frac{9}{14}-b=-1\frac{11}{21}$ $\left\{6\frac{1}{6}\right\}$

230) $v-\frac{19}{18}=-\frac{181}{342}$ $\left\{\frac{10}{19}\right\}$

231) $12\frac{25}{48}=n+9\frac{11}{16}$ $\left\{2\frac{5}{6}\right\}$

232) $x-\frac{3}{4}=\frac{71}{10}$ $\left\{7\frac{17}{20}\right\}$

233) $-\frac{13}{9}+a=-\frac{29}{9}$ $\left\{-1\frac{7}{9}\right\}$

234) $k-1\frac{13}{15}=-7\frac{19}{20}$ $\left\{-6\frac{1}{12}\right\}$

235) $-1\frac{3}{104}=n+\frac{11}{13}$ $\left\{-1\frac{7}{8}\right\}$

236) $\frac{5}{9}+x=-\frac{11}{18}$ $\left\{-1\frac{1}{6}\right\}$

237) $\frac{381}{208}=\frac{10}{13}-x$ $\left\{-1\frac{1}{16}\right\}$

238) $\frac{29}{10}=n+\frac{16}{15}$ $\left\{1\frac{5}{6}\right\}$

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

240) $17\frac{28}{117}=10\frac{6}{13}+k$ $\left\{6\frac{7}{9}\right\}$

241) $p-3\frac{1}{17}=\frac{1585}{221}$ $\left\{10\frac{3}{13}\right\}$

242) $\frac{4}{3}+r=0$ $\left\{-1\frac{1}{3}\right\}$

243) $\frac{1}{3}+n=9\frac{17}{24}$ $\left\{9\frac{3}{8}\right\}$

244) $m+\frac{1}{2}=\frac{281}{22}$ $\left\{12\frac{3}{11}\right\}$

245) $-\frac{13}{4}=-\frac{5}{4}-x$ $\{2\}$

246) $-3\frac{7}{10}-n=-6\frac{33}{40}$ $\left\{3\frac{1}{8}\right\}$

247) $8\frac{3}{14}+b=\frac{265}{28}$ $\left\{1\frac{1}{4}\right\}$

248) $8\frac{7}{36}=v+\frac{5}{12}$ $\left\{7\frac{7}{9}\right\}$

249) $4\frac{5}{14} - x = 4\frac{47}{112}$ $\left\{-\frac{1}{16}\right\}$

250) $\frac{1217}{153} = -\frac{11}{9} + x$ $\left\{9\frac{3}{17}\right\}$

251) $-3\frac{11}{12} - a = -1\frac{7}{15}$ $\left\{-2\frac{9}{20}\right\}$

252) $k + \frac{17}{9} = \frac{14}{9}$ $\left\{-\frac{1}{3}\right\}$

253) $\frac{2}{11} + x = \frac{899}{165}$ $\left\{5\frac{4}{15}\right\}$

254) $-\frac{3}{7} = -\frac{19}{14} + p$ $\left\{\frac{13}{14}\right\}$

255) $-9\frac{1}{3} = -\frac{2}{3} - n$ $\left\{8\frac{2}{3}\right\}$

256) $-3\frac{29}{39} = m - 5\frac{1}{13}$ $\left\{1\frac{1}{3}\right\}$

257) $2\frac{2}{9} + x = 9\frac{13}{99}$ $\left\{6\frac{10}{11}\right\}$

258) $5\frac{57}{77} = r + 3\frac{5}{11}$ $\left\{2\frac{2}{7}\right\}$

259) $\frac{301}{260} = \frac{17}{13} + n$ $\left\{-\frac{3}{20}\right\}$

260) $x + 3\frac{1}{6} = -\frac{11}{24}$ $\left\{-3\frac{5}{8}\right\}$

261) $-1\frac{25}{44} = b - \frac{20}{11}$ $\left\{\frac{1}{4}\right\}$

262) $3\frac{7}{8} = v - 3\frac{3}{8}$ $\left\{7\frac{1}{4}\right\}$

263) $10\frac{67}{85} = n + \frac{1}{5}$ $\left\{10\frac{10}{17}\right\}$

264) $k - \frac{4}{3} = \frac{1}{6}$ $\left\{1\frac{1}{2}\right\}$

265) $6\frac{31}{72} = a + \frac{3}{8}$ $\left\{6\frac{1}{18}\right\}$

266) $-\frac{61}{10} = x - \frac{11}{10}$ $\{-5\}$

267) $x + 3\frac{3}{8} = 13\frac{7}{8}$ $\left\{10\frac{1}{2}\right\}$

268) $\frac{152}{35} = n + 3\frac{1}{5}$ $\left\{1\frac{1}{7}\right\}$

269) $\frac{13}{70} = 1\frac{9}{10} - k$ $\left\{1\frac{5}{7}\right\}$

270) $-\frac{345}{28} = -\frac{11}{7} - p$ $\left\{10\frac{3}{4}\right\}$

271) $-2\frac{1}{10} = x - \frac{3}{5}$ $\left\{-1\frac{1}{2}\right\}$

272) $n + 1\frac{1}{10} = 8\frac{7}{20}$ $\left\{7\frac{1}{4}\right\}$

273) $\frac{3}{20} = \frac{2}{5} - r$ $\left\{\frac{1}{4}\right\}$

274) $10\frac{22}{105} = m + 5\frac{1}{7}$ $\left\{5\frac{1}{15}\right\}$

275) $-\frac{49}{9} = \frac{2}{3} - x$ $\left\{6\frac{1}{9}\right\}$

276) $9\frac{53}{70} = n - \frac{1}{7}$ $\left\{9\frac{9}{10}\right\}$

277) $v + 7\frac{1}{9} = \frac{1340}{153}$ $\left\{1\frac{11}{17}\right\}$

278) $x - 5\frac{3}{7} = \frac{43}{14}$ $\left\{8\frac{1}{2}\right\}$

279) $9\frac{6}{65} = 8\frac{2}{5} + b$ $\left\{\frac{9}{13}\right\}$

280) $a - 1 = \frac{62}{15}$ $\left\{5\frac{2}{15}\right\}$

281) $-\frac{95}{12} = -7\frac{3}{4} - x$ $\left\{\frac{1}{6}\right\}$

282) $\frac{1}{3} + k = 8\frac{4}{15}$ $\left\{7\frac{14}{15}\right\}$

283) $8\frac{1}{2} = 10\frac{1}{4} + p$ $\left\{-1\frac{3}{4}\right\}$

284) $n - \frac{7}{6} = -\frac{1}{6}$ $\{1\}$

285) $-\frac{243}{38} = x - 5\frac{1}{2}$ $\left\{-\frac{17}{19}\right\}$

286) $-\frac{5}{26} = m - 1\frac{1}{2}$ $\left\{1\frac{4}{13}\right\}$

287) $\frac{137}{20} = -\frac{3}{5} + r$ $\left\{7\frac{9}{20}\right\}$

288) $1\frac{25}{42} = 4\frac{1}{6} + x$ $\left\{-2\frac{4}{7}\right\}$

289) $n - 1\frac{1}{3} = -\frac{41}{15}$ $\left\{-1\frac{2}{5}\right\}$

290) $-\frac{32}{5} = b - 6\frac{7}{20}$ $\left\{-\frac{1}{20}\right\}$

291) $x + \frac{2}{3} = 1$ $\left\{\frac{1}{3}\right\}$

292) $-7\frac{31}{42} = v - 8\frac{1}{6}$ $\left\{\frac{3}{7}\right\}$

293) $13\frac{1}{10} = n + 1\frac{1}{10}$ $\{12\}$

294) $7\frac{1}{3} - k = 6\frac{11}{15}$ $\left\{\frac{3}{5}\right\}$

295) $8\frac{4}{5} - a = 11\frac{19}{30}$ $\left\{-2\frac{5}{6}\right\}$

296) $-\frac{13}{17} + x = \frac{33}{68}$ $\left\{1\frac{1}{4}\right\}$

297) $-1\frac{44}{57} = x - \frac{21}{19}$ $\left\{-\frac{2}{3}\right\}$

298) $-5 = -3\frac{1}{3} + n$ $\left\{-1\frac{2}{3}\right\}$

299) $-\frac{1721}{152} = m - 11\frac{18}{19}$ $\left\{\frac{5}{8}\right\}$

300) $2\frac{77}{204} = 9\frac{5}{17} - p$ $\left\{6\frac{11}{12}\right\}$

301) $-1\frac{1}{3} + x = -4\frac{20}{69}$ $\left\{-2\frac{22}{23}\right\}$

302) $n + \left(-2\frac{4}{23}\right) = -\frac{753}{230}$ $\left\{-1\frac{1}{10}\right\}$

303) $-\frac{18}{13} + m = -14\frac{47}{156}$ $\left\{-12\frac{11}{12}\right\}$

304) $r - \frac{11}{6} = -\frac{91}{24}$ $\left\{-1\frac{23}{24}\right\}$

305) $1\frac{15}{16} + n = \frac{415}{144}$ $\left\{\frac{17}{18}\right\}$

306) $-12\frac{15}{286} = x - 13\frac{25}{26}$ $\left\{1\frac{10}{11}\right\}$

307) $\frac{293}{29} = -1 + b$ $\left\{11\frac{3}{29}\right\}$

308) $x - \frac{4}{11} = -2\frac{30}{143}$ $\left\{-1\frac{11}{13}\right\}$

309) $\frac{10}{7} + v = -\frac{101}{91}$ $\left\{-2\frac{7}{13}\right\}$

310) $x - 1\frac{1}{19} = \frac{1814}{551}$ $\left\{4\frac{10}{29}\right\}$

311) $6\frac{7}{8} = 10\frac{1}{2} + a$ $\left\{-3\frac{5}{8}\right\}$

312) $k + \left(-3\frac{5}{22}\right) = 7\frac{27}{220}$ $\left\{10\frac{7}{20}\right\}$

313) $8\frac{69}{77} = -\frac{2}{7} + p$ $\left\{9\frac{2}{11}\right\}$

314) $5\frac{73}{120} = x - \left(-\frac{7}{5}\right)$ $\left\{4\frac{5}{24}\right\}$

315) $\frac{1}{24} - n = -\frac{235}{24}$ $\left\{9\frac{5}{6}\right\}$

316) $r + 10\frac{3}{7} = 10\frac{2}{21}$ $\left\{-\frac{1}{3}\right\}$

317) $\frac{29}{54} = x + \frac{1}{27}$ $\left\{\frac{1}{2}\right\}$

318) $\frac{8}{9} - n = -8\frac{14}{207}$ $\left\{8\frac{22}{23}\right\}$

319) $m + 4\frac{2}{15} = \frac{1711}{345}$ $\left\{\frac{19}{23}\right\}$

320) $v + 2\frac{11}{30} = \frac{41}{30}$ $\{-1\}$

321) $14\frac{12}{13}+n=11\frac{37}{195}$ $\left\{-3\frac{11}{15}\right\}$

322) $\frac{62}{65}=b-2\frac{7}{10}$ $\left\{3\frac{17}{26}\right\}$

323) $\frac{11347}{540}=x+10\frac{1}{20}$ $\left\{10\frac{26}{27}\right\}$

324) $1=a-\left(-\frac{1}{2}\right)$ $\left\{\frac{1}{2}\right\}$

325) $x+\frac{1}{2}=\frac{45}{2}$ $\{22\}$

326) $k-\left(-\frac{45}{23}\right)=1\frac{43}{69}$ $\left\{-\frac{1}{3}\right\}$

327) $-\frac{2}{3}-p=-2\frac{2}{3}$ $\{2\}$

328) $18\frac{23}{30}=x+8\frac{5}{6}$ $\left\{9\frac{14}{15}\right\}$

329) $-\frac{63}{23}=m-1$ $\left\{-1\frac{17}{23}\right\}$

330) $8\frac{735}{754}=8\frac{11}{26}+n$ $\left\{\frac{16}{29}\right\}$

331) $n+15\frac{8}{21}=15\frac{8}{21}$ $\{0\}$

332) $x+\left(-3\frac{25}{29}\right)=\frac{1969}{609}$ $\left\{7\frac{2}{21}\right\}$

333) $-\frac{98}{9}=r-17$ $\left\{6\frac{1}{9}\right\}$

334) $0=b+1$ $\{-1\}$

335) $\frac{7}{22}-x=-\frac{977}{110}$ $\left\{9\frac{1}{5}\right\}$

336) $3\frac{101}{108}=m-\left(-2\frac{1}{12}\right)$ $\left\{1\frac{23}{27}\right\}$

337) $16\frac{1}{14}=-\frac{13}{14}+n$ $\{17\}$

338) $x-6\frac{11}{17}=-7\frac{371}{442}$ $\left\{-1\frac{5}{26}\right\}$

339) $7\frac{648}{725}=7\frac{12}{25}-v$ $\left\{-\frac{12}{29}\right\}$

340) $x-(-1)=10\frac{1}{6}$ $\left\{9\frac{1}{6}\right\}$

341) $7\frac{256}{459}=-\frac{31}{27}+a$ $\left\{8\frac{12}{17}\right\}$

342) $x-5\frac{29}{30}=-9\frac{2}{3}$ $\left\{-3\frac{7}{10}\right\}$

343) $-6\frac{29}{180}=k+\left(-3\frac{1}{20}\right)$ $\left\{-3\frac{1}{9}\right\}$

344) $-4\frac{23}{30}=-3\frac{1}{10}-p$ $\left\{1\frac{2}{3}\right\}$

345) $\frac{9}{13}+m=9\frac{175}{234}$ $\left\{9\frac{1}{18}\right\}$

346) $-\frac{44}{115}=n-\left(-\frac{5}{23}\right)$ $\left\{-\frac{3}{5}\right\}$

347) $r+\left(-\frac{1}{4}\right)=6\frac{19}{116}$ $\left\{6\frac{12}{29}\right\}$

348) $x-\frac{32}{25}=9\frac{191}{300}$ $\left\{10\frac{11}{12}\right\}$

349) $15\frac{1}{2}=n-(-15)$ $\left\{\frac{1}{2}\right\}$

350) $-19\frac{5}{6}-b=-\frac{41}{2}$ $\left\{\frac{2}{3}\right\}$

351) $x+\frac{13}{19}=-2\frac{79}{551}$ $\left\{-2\frac{24}{29}\right\}$

352) $10\frac{35}{221}=-\frac{14}{13}+v$ $\left\{11\frac{4}{17}\right\}$

353) $a-11\frac{16}{29}=-\frac{743}{348}$ $\left\{9\frac{5}{12}\right\}$

354) $9\frac{19}{21}-k=-1\frac{34}{63}$ $\left\{11\frac{4}{9}\right\}$

355) $-13\frac{2}{45}=n-12\frac{1}{9}$ $\left\{-\frac{14}{15}\right\}$

356) $x+\frac{19}{12}=2\frac{1}{4}$ $\left\{\frac{2}{3}\right\}$

357) $x+7=\frac{199}{16}$ $\left\{5\frac{7}{16}\right\}$

358) $m-\left(-\frac{2}{3}\right)=2\frac{67}{69}$ $\left\{2\frac{7}{23}\right\}$

359) $2\frac{1}{12}=n-\left(-\frac{17}{12}\right)$ $\left\{\frac{2}{3}\right\}$

360) $1\frac{58}{115}=3\frac{1}{5}-p$ $\left\{1\frac{16}{23}\right\}$

361) $r-13=-14$ $\{-1\}$

362) $3\frac{13}{27}=x+2\frac{13}{27}$ $\{1\}$

363) $b-\left(-\frac{11}{8}\right)=1\frac{41}{88}$ $\left\{\frac{1}{11}\right\}$

364) $\frac{83}{493}=n+\left(-\frac{20}{17}\right)$ $\left\{1\frac{10}{29}\right\}$

365) $x+9\frac{7}{20}=9\frac{163}{180}$ $\left\{\frac{5}{9}\right\}$

366) $\frac{35}{23}-v=-7\frac{247}{276}$ $\left\{9\frac{5}{12}\right\}$

367) $19\frac{19}{66}=n+7\frac{5}{11}$ $\left\{11\frac{5}{6}\right\}$

368) $\frac{23}{13}-x=7\frac{10}{13}$ $\{-6\}$

369) $4\frac{67}{84}=b+\left(-\frac{2}{3}\right)$ $\left\{5\frac{13}{28}\right\}$

370) $-26=-25+k$ $\{-1\}$

371) $-\frac{29}{24}=-3\frac{1}{4}+x$ $\left\{2\frac{1}{24}\right\}$

372) $2\frac{21}{26}=1\frac{21}{26}+a$ $\{1\}$

373) $-11\frac{9}{77}=\frac{3}{7}-p$ $\left\{11\frac{6}{11}\right\}$

374) $-\frac{243}{322}=x-\left(-\frac{1}{14}\right)$ $\left\{-\frac{19}{23}\right\}$

375) $n+8\frac{9}{19}=8\frac{100}{171}$ $\left\{\frac{1}{9}\right\}$

376) $m+7\frac{4}{9}=20\frac{5}{18}$ $\left\{12\frac{5}{6}\right\}$

377) $\frac{21}{2}=r+8\frac{1}{2}$ $\{2\}$

378) $-8-n=-\frac{452}{21}$ $\left\{13\frac{11}{21}\right\}$

379) $-8\frac{11}{23}=-13+b$ $\left\{4\frac{12}{23}\right\}$

380) $\frac{1675}{132}=\frac{17}{22}-x$ $\left\{-11\frac{11}{12}\right\}$

381) $x+\left(-1\frac{13}{15}\right)=-\frac{701}{255}$ $\left\{-\frac{15}{17}\right\}$

382) $n-\left(-23\frac{5}{7}\right)=24\frac{5}{14}$ $\left\{\frac{9}{14}\right\}$

383) $-\frac{4}{3}-a=-3\frac{32}{69}$ $\left\{2\frac{3}{23}\right\}$

384) $11\frac{95}{552}=12\frac{1}{24}+v$ $\left\{-\frac{20}{23}\right\}$

385) $x+4=\frac{21}{4}$ $\left\{1\frac{1}{4}\right\}$

386) $6\frac{1}{10}+x=\frac{247}{20}$ $\left\{6\frac{1}{4}\right\}$

387) $\frac{419}{45}=k+\frac{10}{9}$ $\left\{8\frac{1}{5}\right\}$

388) $7\frac{273}{580}=3\frac{17}{20}-n$ $\left\{-3\frac{18}{29}\right\}$

389) $\frac{18}{11}-m=\frac{30}{11}$ $\left\{-1\frac{1}{11}\right\}$

390) $2\frac{1}{3}=1+p$ $\left\{1\frac{1}{3}\right\}$

391) $\frac{181}{460}=x+\frac{1}{23}$ $\left\{\frac{7}{20}\right\}$

392) $11\frac{5}{14}+n=-\frac{11}{14}$ $\left\{-12\frac{1}{7}\right\}$

393) $-11\frac{47}{66} = b - 12\frac{1}{6}$ $\left\{\frac{5}{11}\right\}$

394) $3\frac{93}{104} = r - \frac{19}{26}$ $\left\{4\frac{5}{8}\right\}$

395) $\frac{11}{9} + n = -12\frac{7}{9}$ $\{-14\}$

396) $x + 26 = 35\frac{8}{17}$ $\left\{9\frac{8}{17}\right\}$

397) $4\frac{19}{28} - b = 4\frac{19}{28}$ $\{0\}$

398) $\frac{31}{6} = x + 2$ $\left\{3\frac{1}{6}\right\}$

399) $1\frac{11}{12} - x = -\frac{1411}{156}$ $\left\{10\frac{25}{26}\right\}$

400) $-\frac{292}{19} = 3\frac{12}{19} - v$ $\{19\}$

401) $k - \left(-2\frac{33}{34}\right) = 12\frac{251}{425}$ $\left\{9\frac{31}{50}\right\}$

402) $-45 = -47 - p$ $\{-2\}$

403) $-2\frac{37}{69} = a + \left(-\frac{20}{23}\right)$ $\left\{-1\frac{2}{3}\right\}$

404) $14\frac{119}{190} = n + \frac{1}{10}$ $\left\{14\frac{10}{19}\right\}$

405) $\frac{33}{23} - r = 3\frac{232}{851}$ $\left\{-1\frac{31}{37}\right\}$

406) $4\frac{113}{204} = x - \left(-3\frac{33}{34}\right)$ $\left\{\frac{7}{12}\right\}$

407) $m + \frac{25}{48} = 1\frac{547}{912}$ $\left\{1\frac{3}{38}\right\}$

408) $b + (-47) = -34\frac{7}{30}$ $\left\{12\frac{23}{30}\right\}$

409) $-5\frac{13}{48} = x - 7\frac{13}{48}$ $\{2\}$

410) $-\frac{41}{144} = 17\frac{7}{36} - n$ $\left\{17\frac{23}{48}\right\}$

411) $-36\frac{19}{43} = v + (-35)$ $\left\{-1\frac{19}{43}\right\}$

412) $\frac{12106}{975} = 12\frac{4}{25} - a$ $\left\{-\frac{10}{39}\right\}$

413) $x - \frac{1}{5} = -4\frac{1}{5}$ $\{-4\}$

414) $n - 16\frac{19}{50} = \frac{12899}{1450}$ $\left\{25\frac{8}{29}\right\}$

415) $12\frac{221}{266} = k + 14\frac{5}{14}$ $\left\{-1\frac{10}{19}\right\}$

416) $x + 12\frac{9}{38} = 31\frac{345}{494}$ $\left\{19\frac{6}{13}\right\}$

417) $x - \left(-\frac{1}{7}\right) = 1\frac{74}{273}$ $\left\{1\frac{5}{39}\right\}$

418) $\frac{377}{17} = 22 - n$ $\left\{-\frac{3}{17}\right\}$

419) $56\frac{856}{945} = 19\frac{26}{27} - m$ $\left\{-36\frac{33}{35}\right\}$

420) $\frac{4469}{102} = p + 21\frac{2}{3}$ $\left\{22\frac{5}{34}\right\}$

421) $1 = n - \frac{1}{2}$ $\left\{1\frac{1}{2}\right\}$

422) $20\frac{27}{40} = 22\frac{27}{40} + x$ $\{-2\}$

423) $x + \frac{2}{5} = -\frac{187}{145}$ $\left\{-1\frac{20}{29}\right\}$

424) $b - \left(-\frac{77}{40}\right) = 8\frac{1141}{1320}$ $\left\{6\frac{31}{33}\right\}$

425) $n + 35 = 23\frac{14}{25}$ $\left\{-11\frac{11}{25}\right\}$

426) $16\frac{31}{80} = r + 18\frac{3}{16}$ $\left\{-1\frac{4}{5}\right\}$

427) $x + \left(-\frac{7}{9}\right) = -1\frac{2}{45}$ $\left\{-\frac{4}{15}\right\}$

428) $-1\frac{2}{5} = -\frac{3}{5} - a$ $\left\{\frac{4}{5}\right\}$

429) $-\frac{5}{42}=-\frac{61}{42}-v$ $\left\{-1\frac{1}{3}\right\}$

430) $x+7\frac{13}{42}=\frac{7423}{1050}$ $\left\{-\frac{6}{25}\right\}$

431) $k-10\frac{1}{7}=-9\frac{65}{161}$ $\left\{\frac{17}{23}\right\}$

432) $-\frac{101}{3}=p-35$ $\left\{1\frac{1}{3}\right\}$

433) $4+x=2\frac{3}{4}$ $\left\{-1\frac{1}{4}\right\}$

434) $\frac{14839}{744}=a+9\frac{28}{31}$ $\left\{10\frac{1}{24}\right\}$

435) $m+7\frac{13}{20}=25\frac{11}{60}$ $\left\{17\frac{8}{15}\right\}$

436) $\frac{11}{8}-r=-\frac{739}{56}$ $\left\{14\frac{4}{7}\right\}$

437) $1\frac{3}{4}=3\frac{1}{44}+n$ $\left\{-1\frac{3}{11}\right\}$

438) $2\frac{16}{165}=x-\left(-\frac{56}{33}\right)$ $\left\{\frac{2}{5}\right\}$

439) $n+\left(-\frac{4}{3}\right)=-\frac{49}{3}$ $\{-15\}$

440) $v+4=\frac{30}{7}$ $\left\{\frac{2}{7}\right\}$

441) $-\frac{1117}{690}=-\frac{7}{46}+b$ $\left\{-1\frac{7}{15}\right\}$

442) $n-\left(-2\frac{17}{22}\right)=\frac{617}{286}$ $\left\{-\frac{8}{13}\right\}$

443) $-\frac{366}{161}=-3\frac{29}{46}-x$ $\left\{-1\frac{5}{14}\right\}$

444) $-\frac{23}{90}=\frac{4}{5}+a$ $\left\{-1\frac{1}{18}\right\}$

445) $n-4=-54$ $\{-50\}$

446) $3\frac{3}{11}+x=39\frac{41}{110}$ $\left\{36\frac{1}{10}\right\}$

447) $-\frac{106}{1645}=k+\frac{67}{35}$ $\left\{-1\frac{46}{47}\right\}$

448) $-4\frac{83}{144}=x-5\frac{1}{48}$ $\left\{\frac{4}{9}\right\}$

449) $37\frac{28}{47}=m+16$ $\left\{21\frac{28}{47}\right\}$

450) $7\frac{275}{629}=\frac{14}{37}+p$ $\left\{7\frac{1}{17}\right\}$

451) $\frac{8209}{348}=x+\frac{17}{12}$ $\left\{22\frac{5}{29}\right\}$

452) $r+\left(-2\frac{47}{50}\right)=-\frac{47}{50}$ $\{2\}$

453) $17\frac{12}{185}=14\frac{32}{37}-n$ $\left\{-2\frac{1}{5}\right\}$

454) $\frac{51}{52}=b-14\frac{7}{26}$ $\left\{15\frac{1}{4}\right\}$

455) $\frac{4}{13}+x=6\frac{4}{13}$ $\{6\}$

456) $\frac{654}{25}=n-(-28)$ $\left\{-1\frac{21}{25}\right\}$

457) $-15-a=-14\frac{3}{37}$ $\left\{-\frac{34}{37}\right\}$

458) $-\frac{669}{28}=v-22\frac{9}{14}$ $\left\{-1\frac{1}{4}\right\}$

459) $-2\frac{19}{273}=-\frac{25}{39}+x$ $\left\{-1\frac{3}{7}\right\}$

460) $-\frac{4}{3}-a=\frac{14}{93}$ $\left\{-1\frac{15}{31}\right\}$

461) $-\frac{351}{133}=x+\left(-\frac{10}{7}\right)$ $\left\{-1\frac{4}{19}\right\}$

462) $-\frac{5}{16}=-15+x$ $\left\{14\frac{11}{16}\right\}$

463) $12\frac{313}{406}=k-\frac{9}{14}$ $\left\{13\frac{12}{29}\right\}$

464) $-9\frac{7}{16}=p-7\frac{15}{16}$ $\left\{-1\frac{1}{2}\right\}$

465) $-\frac{3}{5}-m=1$ $\left\{-1\frac{3}{5}\right\}$

466) $\frac{673}{336}=3\frac{5}{16}+n$ $\left\{-1\frac{13}{42}\right\}$

467) $\frac{1}{4}=r-\frac{5}{3}$ $\left\{1\frac{11}{12}\right\}$

468) $10\frac{20}{43}+n=9\frac{45}{559}$ $\left\{-1\frac{5}{13}\right\}$

469) $34\frac{152}{195}=8\frac{3}{5}-x$ $\left\{-26\frac{7}{39}\right\}$

470) $\frac{2287}{126}=-\frac{11}{18}+b$ $\left\{18\frac{16}{21}\right\}$

471) $x-(-46)=\frac{837}{19}$ $\left\{-1\frac{18}{19}\right\}$

472) $v-(-15)=30\frac{1}{7}$ $\left\{15\frac{1}{7}\right\}$

473) $-\frac{130}{301}=n-\frac{11}{7}$ $\left\{1\frac{6}{43}\right\}$

474) $-12\frac{34}{45}=p-12\frac{34}{45}$ $\{0\}$

475) $\frac{42013}{1056}=18\frac{29}{32}+a$ $\left\{20\frac{29}{33}\right\}$

476) $\frac{17}{20}-x=-\frac{3}{20}$ $\{1\}$

477) $\frac{897}{35}=1\frac{19}{20}+k$ $\left\{23\frac{19}{28}\right\}$

478) $\frac{74}{45}-n=\frac{1322}{585}$ $\left\{-\frac{8}{13}\right\}$

479) $p+(-34)=-35\frac{3}{5}$ $\left\{-1\frac{3}{5}\right\}$

480) $x-(-1)=\frac{377}{35}$ $\left\{9\frac{27}{35}\right\}$

481) $-\frac{19}{11}-n=-40\frac{8}{11}$ $\{39\}$

482) $25\frac{269}{986}=25\frac{21}{34}+m$ $\left\{-\frac{10}{29}\right\}$

483) $b-\frac{60}{47}=9\frac{496}{2115}$ $\left\{10\frac{23}{45}\right\}$

484) $r+17\frac{5}{22}=16\frac{179}{352}$ $\left\{-\frac{23}{32}\right\}$

485) $7\frac{4}{11}+x=5\frac{151}{264}$ $\left\{-1\frac{19}{24}\right\}$

486) $1\frac{29}{36}=n-\left(-1\frac{29}{36}\right)$ $\{0\}$

487) $30\frac{35}{37}=a-(-34)$ $\left\{-3\frac{2}{37}\right\}$

488) $-\frac{13}{7}+v=\frac{1156}{105}$ $\left\{12\frac{13}{15}\right\}$

489) $x+\left(-\frac{13}{12}\right)=\frac{1925}{156}$ $\left\{13\frac{11}{26}\right\}$

490) $13\frac{19}{49}+x=14\frac{704}{931}$ $\left\{1\frac{7}{19}\right\}$

491) $p+\frac{31}{19}=3\frac{488}{893}$ $\left\{1\frac{43}{47}\right\}$

492) $-16\frac{202}{703}=n-15\frac{34}{37}$ $\left\{-\frac{7}{19}\right\}$

493) $1\frac{40}{91}=k-\left(-\frac{15}{13}\right)$ $\left\{\frac{2}{7}\right\}$

494) $4\frac{547}{598}=4\frac{17}{26}+x$ $\left\{\frac{6}{23}\right\}$

495) $n+36=\frac{1465}{41}$ $\left\{-\frac{11}{41}\right\}$

496) $m-24\frac{17}{26}=-18\frac{27}{91}$ $\left\{6\frac{5}{14}\right\}$

497) $22\frac{1}{2}-r=21\frac{7}{9}$ $\left\{\frac{13}{18}\right\}$

498) $25\frac{7}{39}+x=24\frac{1}{78}$ $\left\{-1\frac{1}{6}\right\}$

499) $\frac{263}{420}=-\frac{4}{15}+n$ $\left\{\frac{25}{28}\right\}$

500) $b+\left(-\frac{37}{40}\right)=\frac{19441}{1080}$ $\left\{18\frac{25}{27}\right\}$

501) $-\frac{65}{12} = x - 3\frac{3}{4}$ $\left\{-1\frac{2}{3}\right\}$

502) $\frac{1833}{32} = n + 48$ $\left\{9\frac{9}{32}\right\}$

503) $6\frac{297}{644} = v - 12\frac{23}{28}$ $\left\{19\frac{13}{46}\right\}$

504) $6\frac{24}{41} = 8\frac{24}{41} + k$ $\{-2\}$

505) $-\frac{212}{799} = a + \left(-\frac{32}{17}\right)$ $\left\{1\frac{29}{47}\right\}$

506) $9\frac{7}{85} = 10\frac{15}{17} - p$ $\left\{1\frac{4}{5}\right\}$

507) $-4\frac{61}{78} = \frac{5}{6} - x$ $\left\{5\frac{8}{13}\right\}$

508) $\frac{39}{10} = 4 + p$ $\left\{-\frac{1}{10}\right\}$

509) $2\frac{659}{660} = n + 3\frac{17}{30}$ $\left\{-\frac{25}{44}\right\}$

510) $11\frac{2}{3} = m + 13\frac{1}{6}$ $\left\{-1\frac{1}{2}\right\}$

511) $-\frac{325}{228} = x - \left(-\frac{22}{19}\right)$ $\left\{-2\frac{7}{12}\right\}$

512) $20\frac{702}{2107} = 18\frac{31}{43} - n$ $\left\{-1\frac{30}{49}\right\}$

513) $\frac{23777}{912} = b + 20\frac{16}{19}$ $\left\{5\frac{11}{48}\right\}$

514) $13\frac{311}{392} = r + \left(-\frac{1}{8}\right)$ $\left\{13\frac{45}{49}\right\}$

515) $\frac{1567}{96} = x + \left(-\frac{19}{32}\right)$ $\left\{16\frac{11}{12}\right\}$

516) $-24\frac{53}{1980} = -2\frac{37}{45} - a$ $\left\{21\frac{9}{44}\right\}$

517) $34\frac{5}{14} = 17 + v$ $\left\{17\frac{5}{14}\right\}$

518) $12\frac{55}{168} = n - 11\frac{5}{8}$ $\left\{23\frac{20}{21}\right\}$

519) $\frac{43}{46} = x + 1\frac{43}{46}$ $\{-1\}$

520) $-20\frac{254}{527} = -\frac{23}{17} - x$ $\left\{19\frac{4}{31}\right\}$

521) $-\frac{9357}{1394} = -\frac{1}{34} - k$ $\left\{6\frac{28}{41}\right\}$

522) $8\frac{163}{210} = n - \left(-\frac{4}{5}\right)$ $\left\{7\frac{41}{42}\right\}$

523) $\frac{4825}{897} = 6\frac{4}{23} + p$ $\left\{-\frac{31}{39}\right\}$

524) $-16\frac{19}{41} = n - 17$ $\left\{\frac{22}{41}\right\}$

525) $7\frac{396}{893} = x + 8\frac{6}{47}$ $\left\{-\frac{13}{19}\right\}$

526) $\frac{3}{4} = \frac{1}{6} - m$ $\left\{-\frac{7}{12}\right\}$

527) $-\frac{130}{99} = r - 21\frac{35}{36}$ $\left\{20\frac{29}{44}\right\}$

528) $27\frac{43}{52} = 20\frac{1}{12} + x$ $\left\{7\frac{29}{39}\right\}$

529) $\frac{23300}{1617} = n + 17\frac{26}{49}$ $\left\{-3\frac{4}{33}\right\}$

530) $2\frac{629}{825} = b - \left(-\frac{38}{25}\right)$ $\left\{1\frac{8}{33}\right\}$

531) $-\frac{50}{7} = -\frac{1}{7} - v$ $\{7\}$

532) $-4\frac{9}{32} = n + (-14)$ $\left\{9\frac{23}{32}\right\}$

533) $20\frac{841}{1075} = x - \frac{38}{25}$ $\left\{22\frac{13}{43}\right\}$

534) $19\frac{51}{760} = a + 6\frac{13}{38}$ $\left\{12\frac{29}{40}\right\}$

535) $-2\frac{3}{7} = -2 - p$ $\left\{\frac{3}{7}\right\}$

536) $\frac{79}{21} = 1\frac{13}{14} - k$ $\left\{-1\frac{5}{6}\right\}$

537) $1\frac{97}{702} = x - \left(-\frac{38}{27}\right)$ $\left\{-\frac{7}{26}\right\}$

538) $\frac{88}{5} = 10\frac{1}{2} + n$ $\left\{7\frac{1}{10}\right\}$

539) $29\frac{217}{440} = m + 3\frac{27}{40}$ $\left\{25\frac{9}{11}\right\}$

540) $-\frac{857}{80} = 5\frac{3}{16} - r$ $\left\{15\frac{9}{10}\right\}$

541) $-12\frac{869}{920} = \frac{17}{40} - x$ $\left\{13\frac{17}{46}\right\}$

542) $-\frac{1}{2} = b + \left(-\frac{3}{2}\right)$ $\{1\}$

543) $\frac{289}{87} = \frac{48}{29} - n$ $\left\{-1\frac{2}{3}\right\}$

544) $\frac{139}{58} = \frac{55}{29} + r$ $\left\{\frac{1}{2}\right\}$

545) $-8\frac{6}{17} = x - 8\frac{6}{17}$ $\{0\}$

546) $\frac{2641}{210} = 13\frac{41}{42} - n$ $\left\{1\frac{2}{5}\right\}$

547) $-46\frac{1}{13} = v + (-46)$ $\left\{-\frac{1}{13}\right\}$

548) $-17\frac{145}{252} = -\frac{11}{18} - a$ $\left\{16\frac{27}{28}\right\}$

549) $20\frac{10}{31} = 18\frac{10}{31} + x$ $\{2\}$

550) $37\frac{9}{19} = k + \left(-\frac{29}{19}\right)$ $\{39\}$

551) $\frac{37}{48} = x - 1\frac{1}{6}$ $\left\{1\frac{15}{16}\right\}$

552) $\frac{9599}{1488} = n - \left(-\frac{34}{31}\right)$ $\left\{5\frac{17}{48}\right\}$

553) $\frac{3181}{396} = p + \left(-\frac{67}{44}\right)$ $\left\{9\frac{5}{9}\right\}$

554) $1\frac{391}{420} = \frac{11}{20} + x$ $\left\{1\frac{8}{21}\right\}$

555) $\frac{429}{152} = n - \left(-\frac{7}{8}\right)$ $\left\{1\frac{18}{19}\right\}$

556) $\frac{1987}{495} = m - \left(-1\frac{32}{33}\right)$ $\left\{2\frac{2}{45}\right\}$

557) $\frac{415}{8} = 1\frac{7}{8} + r$ $\{50\}$

558) $-4\frac{15}{23} = x + \left(-\frac{15}{23}\right)$ $\{-4\}$

559) $19\frac{17}{120} = n + \left(-\frac{4}{3}\right)$ $\left\{20\frac{19}{40}\right\}$

560) $\frac{1951}{552} = b - 8\frac{31}{46}$ $\left\{12\frac{5}{24}\right\}$

561) $-12\frac{828}{1505} = v - 12\frac{16}{35}$ $\left\{-\frac{4}{43}\right\}$

562) $\frac{59}{30} = x + \frac{9}{5}$ $\left\{\frac{1}{6}\right\}$

563) $-\frac{69}{385} = \frac{16}{35} + n$ $\left\{-\frac{7}{11}\right\}$

564) $\frac{7}{23} = a + \left(-\frac{18}{23}\right)$ $\left\{1\frac{2}{23}\right\}$

565) $\frac{355}{33} = p - 2$ $\left\{12\frac{25}{33}\right\}$

566) $\frac{235}{56} = \frac{23}{24} - k$ $\left\{-3\frac{5}{21}\right\}$

567) $\frac{22271}{912} = x + 24\frac{5}{48}$ $\left\{\frac{6}{19}\right\}$

568) $37\frac{27}{1258} = 18\frac{28}{37} + n$ $\left\{18\frac{9}{34}\right\}$

569) $-\frac{61}{84} = -\frac{23}{12} + m$ $\left\{1\frac{4}{21}\right\}$

570) $-14\frac{25}{148} = -\frac{34}{37} - r$ $\left\{13\frac{1}{4}\right\}$

571) $-5\frac{697}{1050} = 12\frac{9}{25} - x$ $\left\{18\frac{1}{42}\right\}$

572) $\frac{2247}{50} = 4\frac{47}{50} + n$ $\{40\}$

573) $\frac{9}{13} = -\frac{5}{13} + b$ $\left\{1\frac{1}{13}\right\}$

574) $\frac{214}{175} = r + \frac{1}{7}$ $\left\{1\frac{2}{25}\right\}$

575) $1\frac{421}{897} = \frac{20}{39} - x$ $\left\{-\frac{22}{23}\right\}$

576) $-\frac{17}{70} = n - \left(-\frac{11}{14}\right)$ $\left\{-1\frac{1}{35}\right\}$

577) $\frac{166}{39} = a + 2\frac{1}{3}$ $\left\{1\frac{12}{13}\right\}$

578) $\frac{7231}{675} = 4\frac{16}{27} + v$ $\left\{6\frac{3}{25}\right\}$

579) $32\frac{1}{8} = x + 6\frac{2}{3}$ $\left\{25\frac{11}{24}\right\}$

580) $\frac{2977}{246} = x - \left(-\frac{11}{41}\right)$ $\left\{11\frac{5}{6}\right\}$

581) $-\frac{39}{80} = n - \frac{11}{16}$ $\left\{\frac{1}{5}\right\}$

582) $25\frac{241}{861} = 11\frac{31}{41} + k$ $\left\{13\frac{11}{21}\right\}$

583) $12\frac{471}{580} = 4\frac{25}{29} + p$ $\left\{7\frac{19}{20}\right\}$

584) $-23\frac{9}{40} = \frac{2}{5} - x$ $\left\{23\frac{5}{8}\right\}$

585) $\frac{814}{29} = n - \frac{27}{29}$ $\{29\}$

586) $-25\frac{83}{185} = -\frac{9}{5} - m$ $\left\{23\frac{24}{37}\right\}$

587) $36\frac{679}{731} = r + 18\frac{2}{43}$ $\left\{18\frac{15}{17}\right\}$

588) $\frac{905}{43} = 21\frac{2}{43} - n$ $\{0\}$

589) $18\frac{65}{72} = x + 19\frac{5}{18}$ $\left\{-\frac{3}{8}\right\}$

590) $11\frac{317}{434} = 23\frac{16}{31} - b$ $\left\{11\frac{11}{14}\right\}$

591) $11\frac{3}{7} = v - \frac{2}{7}$ $\left\{11\frac{5}{7}\right\}$

592) $-\frac{1945}{558} = -\frac{3}{31} + x$ $\left\{-3\frac{7}{18}\right\}$

593) $26\frac{229}{620} = n + 6\frac{19}{20}$ $\left\{19\frac{13}{31}\right\}$

594) $-8\frac{1}{10} = k - \frac{1}{10}$ $\{-8\}$

595) $\frac{11579}{585} = 23\frac{8}{45} - a$ $\left\{3\frac{5}{13}\right\}$

596) $-\frac{97}{117} = p - \left(-\frac{2}{9}\right)$ $\left\{-1\frac{2}{39}\right\}$

597) $13\frac{886}{1221} = x + \left(-\frac{26}{33}\right)$ $\left\{14\frac{19}{37}\right\}$

598) $\frac{302}{63} = n + 6\frac{2}{9}$ $\left\{-1\frac{3}{7}\right\}$

599) $9 = 10\frac{3}{22} - r$ $\left\{1\frac{3}{22}\right\}$

600) $6\frac{73}{138} = 7\frac{9}{46} - m$ $\left\{\frac{2}{3}\right\}$

601) $-\frac{542}{1645} = -\frac{51}{35} + n$ $\left\{1\frac{6}{47}\right\}$

602) $\frac{38437}{1430} = b + \frac{42}{55}$ $\left\{26\frac{3}{26}\right\}$

603) $x - 11\frac{14}{17} = \frac{11}{17}$ $\left\{12\frac{8}{17}\right\}$

604) $3\frac{4343}{4964} = v - 31\frac{51}{73}$ $\left\{35\frac{39}{68}\right\}$

605) $\frac{6071}{186} = n - \left(-\frac{4}{3}\right)$ $\left\{31\frac{19}{62}\right\}$

606) $a + \left(-\frac{13}{31}\right) = -\frac{1246}{1271}$ $\left\{-\frac{23}{41}\right\}$

607) $\frac{12019}{1748} = 20\frac{37}{92} - x$ $\left\{13\frac{10}{19}\right\}$

608) $46\frac{41}{88} - x = \frac{112441}{1320}$ $\left\{-38\frac{43}{60}\right\}$

609) $-\frac{44795}{1518} = x - 29\frac{32}{69}$ $\left\{-\frac{1}{22}\right\}$

610) $77\frac{1483}{3550} = v + 40\frac{23}{50}$ $\left\{36\frac{68}{71}\right\}$

611) $-35\frac{18}{161} = n - 50\frac{2}{7}$ $\left\{15\frac{4}{23}\right\}$

612) $1\frac{5}{6} = \frac{3}{2} + p$ $\left\{\frac{1}{3}\right\}$

613) $2\frac{4621}{5952} = x - \left(-\frac{113}{64}\right)$ $\left\{1\frac{1}{93}\right\}$

614) $k + 39\frac{8}{27} = 39\frac{935}{1971}$ $\left\{\frac{13}{73}\right\}$

615) $-11\frac{541}{2100} = 5\frac{59}{84} - n$ $\left\{16\frac{24}{25}\right\}$

616) $\frac{3586}{75} = 48\frac{1}{3} + m$ $\left\{-\frac{13}{25}\right\}$

617) $\frac{363}{410} = -\frac{17}{41} + x$ $\left\{1\frac{3}{10}\right\}$

618) $17\frac{137}{165} = r + \left(-\frac{3}{22}\right)$ $\left\{17\frac{29}{30}\right\}$

619) $-2\frac{119}{220} = n - 29\frac{37}{60}$ $\left\{27\frac{5}{66}\right\}$

620) $3\frac{6}{79} - b = 1\frac{4181}{6162}$ $\left\{1\frac{31}{78}\right\}$

621) $35\frac{69}{97} + v = 37\frac{643}{2813}$ $\left\{1\frac{15}{29}\right\}$

622) $x + 24\frac{11}{18} = \frac{94541}{1422}$ $\left\{41\frac{69}{79}\right\}$

623) $43\frac{7}{12} = n + \frac{1}{4}$ $\left\{43\frac{1}{3}\right\}$

624) $a - \left(-\frac{10}{11}\right) = 35\frac{589}{902}$ $\left\{34\frac{61}{82}\right\}$

625) $k - \frac{57}{37} = 22\frac{149}{2257}$ $\left\{23\frac{37}{61}\right\}$

626) $p + 41\frac{35}{93} = 39\frac{277}{434}$ $\left\{-1\frac{31}{42}\right\}$

627) $x + 22\frac{1}{13} = 63\frac{227}{416}$ $\left\{41\frac{15}{32}\right\}$

628) $-\frac{19}{51} - m = -1\frac{365}{1938}$ $\left\{\frac{31}{38}\right\}$

629) $\frac{661}{16} = n + \frac{21}{16}$ $\{40\}$

630) $3\frac{865}{1932} = r - 42\frac{34}{69}$ $\left\{45\frac{79}{84}\right\}$

631) $30\frac{64}{89} = x + 31\frac{64}{89}$ $\{-1\}$

632) $\frac{1558}{27} = b + \left(-2\frac{8}{27}\right)$ $\{60\}$

633) $97\frac{527}{696} = 99\frac{1}{8} + n$ $\left\{-1\frac{32}{87}\right\}$

634) $-\frac{40}{47} - v = 1\frac{450}{3337}$ $\left\{-1\frac{70}{71}\right\}$

635) $-\frac{22}{13} - x = -\frac{21549}{650}$ $\left\{31\frac{23}{50}\right\}$

636) $\frac{31}{21} + n = 23\frac{269}{609}$ $\left\{21\frac{28}{29}\right\}$

637) $x - \left(-\frac{20}{41}\right) = 1\frac{726}{2665}$ $\left\{\frac{51}{65}\right\}$

638) $\frac{4837}{92} = v + 50\frac{19}{23}$ $\left\{1\frac{3}{4}\right\}$

639) $\frac{2273}{76} = a + 7\frac{1}{4}$ $\left\{22\frac{25}{38}\right\}$

640) $k + 5\frac{27}{98} = -59\frac{71}{98}$ $\{-65\}$

641) $n + 27\frac{79}{80} = 29\frac{7}{80}$ $\left\{1\frac{1}{10}\right\}$

642) $\frac{1549}{660} = x - \left(-\frac{29}{60}\right)$ $\left\{1\frac{19}{22}\right\}$

643) $37\frac{517}{522} = 38\frac{11}{18} + p$ $\left\{-\frac{18}{29}\right\}$

644) $-\frac{31}{28} - n = -\frac{1583}{532}$ $\left\{1\frac{33}{38}\right\}$

645) $-73\frac{10}{37} = -\frac{47}{37} - x$ $\{72\}$

646) $r + \frac{151}{94} = \frac{107}{564}$ $\left\{-1\frac{5}{12}\right\}$

647) $-\frac{538}{333} = \frac{6}{37} + m$ $\left\{-1\frac{7}{9}\right\}$

648) $x - 10\frac{3}{14} = 9\frac{192}{329}$ $\left\{19\frac{75}{94}\right\}$

649) $-3\frac{1109}{3040} = 22\frac{21}{32} - n$ $\left\{26\frac{2}{95}\right\}$

650) $\frac{14522}{429} = b - \frac{11}{13}$ $\left\{34\frac{23}{33}\right\}$

651) $\frac{2665}{84} = v + \left(-\frac{13}{7}\right)$ $\left\{33\frac{7}{12}\right\}$

652) $\frac{364147}{8633} = 44\frac{6}{89} + x$ $\left\{-1\frac{86}{97}\right\}$

653) $a - \left(-59\frac{17}{28}\right) = 59\frac{97}{252}$ $\left\{-\frac{2}{9}\right\}$

654) $\frac{4705}{144} = 33\frac{4}{9} - x$ $\left\{\frac{37}{48}\right\}$

655) $94\frac{46}{1269} = -\frac{7}{47} - k$ $\left\{-94\frac{5}{27}\right\}$

656) $p + \left(-\frac{31}{65}\right) = 37\frac{303}{455}$ $\left\{38\frac{1}{7}\right\}$

657) $-\frac{23}{85} + x = \frac{472}{17}$ $\left\{28\frac{3}{85}\right\}$

658) $n - \frac{7}{4} = -\frac{15}{8}$ $\left\{-\frac{1}{8}\right\}$

659) $\frac{151}{80} + n = \frac{221689}{6320}$ $\left\{33\frac{15}{79}\right\}$

660) $-\frac{18467}{1173} = 9\frac{5}{23} - m$ $\left\{24\frac{49}{51}\right\}$

661) $\frac{6073}{6100} = \frac{4}{61} + x$ $\left\{\frac{93}{100}\right\}$

662) $\frac{91}{86} = r - \left(-2\frac{24}{43}\right)$ $\left\{-1\frac{1}{2}\right\}$

663) $7\frac{14}{19} - v = 8\frac{32}{95}$ $\left\{-\frac{3}{5}\right\}$

664) $18\frac{92}{99} - b = -21\frac{163}{594}$ $\left\{40\frac{11}{54}\right\}$

665) $-\frac{88}{285} = n + \frac{64}{57}$ $\left\{-1\frac{41}{95}\right\}$

666) $\frac{16208}{407} = 39\frac{17}{37} - x$ $\left\{-\frac{4}{11}\right\}$

667) $-\frac{65}{76} + a = -\frac{12725}{5548}$ $\left\{-1\frac{32}{73}\right\}$

668) $k - \frac{111}{94} = \frac{128819}{4982}$ $\left\{27\frac{2}{53}\right\}$

669) $-\frac{507}{32} = 2 - x$ $\left\{17\frac{27}{32}\right\}$

670) $37\frac{31}{33} - x = \frac{2405}{66}$ $\left\{1\frac{1}{2}\right\}$

671) $k + \left(-\frac{130}{71}\right) = -\frac{959}{4828}$ $\left\{1\frac{43}{68}\right\}$

672) $n + 26\frac{29}{52} = 24\frac{1127}{1508}$ $\left\{-1\frac{47}{58}\right\}$

673) $46\frac{7}{10} - x = \frac{5117}{110}$ $\left\{\frac{2}{11}\right\}$

674) $-\frac{701}{423} = p - \frac{13}{9}$ $\left\{-\frac{10}{47}\right\}$

675) $n + 47\frac{5}{28} = \frac{8229}{140}$ $\left\{11\frac{3}{5}\right\}$

676) $-\frac{31}{66} + r = -\frac{239}{462}$ $\left\{-\frac{1}{21}\right\}$

677) $4\frac{61}{144} = m + 2\frac{47}{48}$ $\left\{1\frac{4}{9}\right\}$

678) $\frac{4}{5} - n = 2\frac{53}{110}$ $\left\{-1\frac{15}{22}\right\}$

679) $-2\frac{1163}{1190} = x - \frac{162}{85}$ $\left\{-1\frac{1}{14}\right\}$

680) $14\frac{491}{888} = 13\frac{23}{24} + b$ $\left\{\frac{22}{37}\right\}$

681) $\frac{273}{43} = 11\frac{15}{43} + v$ $\{-5\}$

682) $x - \frac{106}{81} = \frac{116687}{2997}$ $\left\{40\frac{9}{37}\right\}$

683) $-\frac{239}{248} = \frac{41}{62} + x$ $\left\{-1\frac{5}{8}\right\}$

684) $21\frac{17}{20} + k = 22\frac{13}{30}$ $\left\{\frac{7}{12}\right\}$

685) $a - \left(-\frac{59}{33}\right) = 31\frac{47}{55}$ $\left\{30\frac{1}{15}\right\}$

686) $x + \frac{37}{57} = \frac{11852}{1311}$ $\left\{8\frac{9}{23}\right\}$

687) $26\frac{997}{2850} = p + 29\frac{29}{38}$ $\left\{-3\frac{31}{75}\right\}$

688) $\frac{135}{77} - n = -42\frac{1744}{2387}$ $\left\{44\frac{15}{31}\right\}$

689) $m - \left(-\frac{39}{95}\right) = \frac{1579}{190}$ $\left\{7\frac{9}{10}\right\}$

690) $-\frac{1}{5} + r = 24\frac{127}{440}$ $\left\{24\frac{43}{88}\right\}$

691) $39\frac{47}{53} + n = \frac{15328}{371}$ $\left\{1\frac{3}{7}\right\}$

692) $39\frac{303}{476} = 2\frac{1}{34} + x$ $\left\{37\frac{17}{28}\right\}$

693) $\frac{132277}{5112} = 28\frac{4}{71} - b$ $\left\{2\frac{13}{72}\right\}$

694) $-\frac{39}{10} = v - \frac{19}{10}$ $\{-2\}$

695) $26\frac{733}{913} = -\frac{19}{11} + x$ $\left\{28\frac{44}{83}\right\}$

696) $a + 36\frac{7}{48} = 79\frac{1771}{1776}$ $\left\{43\frac{63}{74}\right\}$

697) $47\frac{367}{696} = n + 48\frac{2}{29}$ $\left\{-\frac{13}{24}\right\}$

698) $k - 25\frac{21}{67} = -\frac{59686}{1675}$ $\left\{-10\frac{8}{25}\right\}$

699) $\frac{4}{5} + x = 33\frac{103}{385}$ $\left\{32\frac{36}{77}\right\}$

700) $-\frac{10133}{4214} = x - \frac{74}{43}$ $\left\{-\frac{67}{98}\right\}$