

## Solving proportions of integers

**Solve proportions:**

$$1) \frac{3}{6} = \frac{n}{4}$$

$$2) \frac{6}{2} = \frac{4}{a}$$

$$3) \frac{4}{5} = \frac{x}{3}$$

$$4) \frac{8}{2} = \frac{4}{k}$$

$$5) \frac{x}{8} = \frac{4}{5}$$

$$6) \frac{n}{5} = \frac{8}{3}$$

$$7) \frac{2}{7} = \frac{5}{m}$$

$$8) \frac{8}{6} = \frac{5}{x}$$

$$9) \frac{n}{5} = \frac{5}{2}$$

$$10) \frac{4}{7} = \frac{r}{6}$$

$$11) \frac{2}{4} = \frac{5}{b}$$

$$12) \frac{6}{4} = \frac{n}{2}$$

$$13) \frac{6}{7} = \frac{a}{2}$$

$$14) \frac{3}{2} = \frac{x}{6}$$

$$15) \frac{x}{6} = \frac{8}{4}$$

$$16) \frac{7}{4} = \frac{x}{7}$$

$$17) \frac{7}{2} = \frac{a}{7}$$

$$18) \frac{7}{4} = \frac{k}{6}$$

$$19) \frac{7}{6} = \frac{p}{5}$$

$$20) \frac{n}{7} = \frac{4}{5}$$

$$21) \frac{m}{3} = \frac{8}{6}$$

$$22) \frac{5}{8} = \frac{3}{r}$$

$$23) \frac{8}{7} = \frac{n}{6}$$

$$24) \frac{x}{8} = \frac{2}{3}$$

$$25) \frac{7}{8} = \frac{8}{b}$$

$$26) \frac{3}{8v} = \frac{2}{6}$$

$$27) \frac{7}{n} = \frac{3}{8}$$

$$28) \frac{4}{5} = \frac{5}{k}$$

29)  $\frac{7}{8} = \frac{4}{x}$

30)  $\frac{3}{4} = \frac{2}{x}$

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

32)  $\frac{m}{2} = \frac{2}{8}$

33)  $\frac{2}{6} = \frac{p}{2}$

34)  $\frac{2}{n} = \frac{7}{8}$

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

36)  $\frac{7}{5} = \frac{r}{3}$

37)  $\frac{3}{2} = \frac{b}{8}$

38)  $\frac{x}{6} = \frac{3}{7}$

39)  $\frac{n}{6} = \frac{3}{2}$

40)  $\frac{5}{4} = \frac{a}{3}$

41)  $\frac{3}{v} = \frac{7}{4}$

42)  $\frac{7}{4} = \frac{4}{x}$

43)  $\frac{2}{7} = \frac{a}{4}$

44)  $\frac{k}{4} = \frac{2}{3}$

45)  $\frac{4}{2} = \frac{p}{4}$

46)  $\frac{6}{8} = \frac{4}{x}$

47)  $\frac{7}{4} = \frac{n}{5}$

48)  $\frac{r}{5} = \frac{6}{2}$

49)  $\frac{5}{3} = \frac{m}{7}$

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

51)  $\frac{3}{x} = \frac{8}{6}$

52)  $\frac{4}{b} = \frac{6}{5}$

53)  $\frac{2}{n} = \frac{5}{6}$

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

55)  $\frac{8}{7} = \frac{7}{x}$

56)  $\frac{5}{7} = \frac{6}{m}$

57)  $\frac{5}{4} = \frac{p}{7}$

58)  $\frac{x}{7} = \frac{4}{2}$

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

60)  $\frac{7}{8} = \frac{3}{b}$

61)  $\frac{2}{r} = \frac{7}{8}$

62)  $\frac{8}{3} = \frac{a}{8}$

63)  $\frac{8}{x} = \frac{4}{2}$

64)  $\frac{8}{2} = \frac{v}{4}$

65)  $\frac{8}{n} = \frac{4}{7}$

66)  $\frac{x}{7} = \frac{6}{8}$

67)  $\frac{5}{6} = \frac{4}{n}$

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

69)  $\frac{k}{5} = \frac{6}{7}$

70)  $\frac{2}{x} = \frac{6}{4}$

71)  $\frac{n}{2} = \frac{3}{6}$

72)  $\frac{6}{5} = \frac{x}{2}$

73)  $\frac{v}{3} = \frac{7}{6}$

74)  $\frac{4}{2} = \frac{8}{n}$

75)  $\frac{x}{6} = \frac{3}{8}$

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

77)  $\frac{5}{6} = \frac{a}{3}$

78)  $\frac{k}{3} = \frac{4}{8}$

79)  $\frac{3}{p} = \frac{2}{4}$

80)  $\frac{5}{p} = \frac{6}{4}$

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

82)  $\frac{6}{3} = \frac{5r}{7}$

83)  $\frac{3}{v} = \frac{4}{6}$

84)  $\frac{8}{2} = \frac{n}{6}$

85)  $\frac{6}{8} = \frac{7}{p}$

86)  $\frac{n}{6} = \frac{7}{3}$

87)  $\frac{7}{m} = \frac{2}{6}$

88)  $\frac{r}{7} = \frac{5}{8}$

89)  $\frac{7}{x} = \frac{3}{4}$

90)  $\frac{6}{8} = \frac{4}{n}$

91)  $\frac{n}{8} = \frac{8}{4}$

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

93)  $\frac{8}{a} = \frac{2}{8}$

94)  $\frac{6}{5} = \frac{7}{m}$

95)  $\frac{x}{2} = \frac{3}{5}$

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

97)  $\frac{4}{2} = \frac{2}{b}$

98)  $\frac{7}{x} = \frac{3}{2}$

99)  $\frac{3}{a} = \frac{4}{7}$

100)  $\frac{6}{3} = \frac{3v}{7}$

101)  $\frac{12}{3} = \frac{x}{8}$

102)  $\frac{11}{10} = \frac{a}{4}$

103)  $\frac{4}{10} = \frac{n}{7}$

104)  $\frac{3}{6} = \frac{4}{k}$

105)  $\frac{12}{4} = \frac{x}{10}$

106)  $\frac{12}{3} = \frac{n}{9}$

107)  $\frac{x}{8} = \frac{12}{4}$

108)  $\frac{4}{9} = \frac{7}{m}$

109)  $\frac{5}{4} = \frac{p}{2}$

110)  $\frac{2}{10} = \frac{5}{x}$

111)  $\frac{r}{4} = \frac{10}{2}$

112)  $\frac{m}{8} = \frac{2}{4}$

113)  $\frac{n}{2} = \frac{10}{3}$

114)  $\frac{7}{9} = \frac{x}{10}$

115)  $\frac{6}{b} = \frac{2}{10}$

116)  $\frac{5}{8} = \frac{v}{6}$

117)  $\frac{x}{4} = \frac{3}{2}$

118)  $\frac{3}{x} = \frac{11}{8}$

119)  $\frac{11}{8} = \frac{a}{11}$

120)  $\frac{3}{6} = \frac{11}{k}$

121)  $\frac{10}{7} = \frac{9}{p}$

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

123)  $\frac{2}{12} = \frac{4}{n}$

124)  $\frac{r}{4} = \frac{11}{8}$

125)  $\frac{2}{6} = \frac{12}{x}$

126)  $\frac{7}{4m} = \frac{10}{9}$

127)  $\frac{6}{9} = \frac{12}{n}$

128)  $\frac{8}{7} = \frac{b}{9}$

129)  $\frac{9}{v} = \frac{2}{12}$

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

131)  $\frac{n}{3} = \frac{5}{7}$

132)  $\frac{8k}{3} = \frac{5}{8}$

133)  $\frac{9}{7} = \frac{x}{9}$

134)  $\frac{6}{a} = \frac{12}{2}$

135)  $\frac{4}{8} = \frac{x}{10}$

136)  $\frac{6}{2} = \frac{m}{3}$

137)  $\frac{7}{8} = \frac{n}{10}$

138)  $\frac{6}{p} = \frac{8}{10}$

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

140)  $\frac{5}{4} = \frac{11}{m}$

141)  $\frac{7}{11} = \frac{11}{r}$

142)  $\frac{6}{2} = \frac{x}{7}$

143)  $\frac{n}{10} = \frac{7}{9}$

144)  $\frac{b}{5} = \frac{3}{7}$

145)  $\frac{4}{12} = \frac{x}{4}$

146)  $\frac{7}{12} = \frac{11}{x}$

147)  $\frac{k}{2} = \frac{8}{12}$

148)  $\frac{12}{a} = \frac{9}{6}$

149)  $\frac{p}{5} = \frac{8}{7}$

150)  $\frac{x}{5} = \frac{12}{3}$

151)  $\frac{12}{8} = \frac{5}{n}$

152)  $\frac{r}{3} = \frac{6}{7}$

153)  $\frac{7}{6} = \frac{x}{9}$

154)  $\frac{8}{3} = \frac{6}{m}$

155)  $\frac{n}{9} = \frac{9}{6}$

156)  $\frac{4}{8} = \frac{10b}{11}$

157)  $\frac{7}{2} = \frac{v}{6}$

158)  $\frac{4}{6} = \frac{3}{x}$

159)  $\frac{2}{12} = \frac{n}{10}$

160)  $\frac{a}{2} = \frac{7}{10}$

161)  $\frac{k}{10} = \frac{9}{5}$

162)  $\frac{x}{4} = \frac{11}{12}$

163)  $\frac{11}{10} = \frac{7x}{7}$

164)  $\frac{5}{3} = \frac{7}{n}$

165)  $\frac{5}{p} = \frac{6}{3}$

166)  $\frac{x}{5} = \frac{3}{9}$

167)  $\frac{3}{m} = \frac{12}{10}$

168)  $\frac{n}{4} = \frac{12}{11}$

169)  $\frac{b}{11} = \frac{12}{6}$

170)  $\frac{5}{6} = \frac{8}{r}$

171)  $\frac{8}{x} = \frac{11}{2}$

172)  $\frac{4}{6} = \frac{n}{5}$

173)  $\frac{5}{12} = \frac{4}{b}$

174)  $\frac{v}{11} = \frac{8}{6}$

175)  $\frac{x}{5} = \frac{11}{9}$

176)  $\frac{12}{9} = \frac{6}{x}$

177)  $\frac{11}{2} = \frac{9}{a}$

178)  $\frac{9}{5} = \frac{k}{9}$

179)  $\frac{6}{p} = \frac{2}{12}$

180)  $\frac{8}{10} = \frac{x}{6}$

181)  $\frac{n}{2} = \frac{3}{5}$

182)  $\frac{r}{10} = \frac{2}{4}$

183)  $\frac{7}{11} = \frac{n}{4}$

184)  $\frac{v}{3} = \frac{3}{4}$

185)  $\frac{10}{7} = \frac{12}{b}$

186)  $\frac{x}{3} = \frac{10}{11}$

187)  $\frac{8}{5} = \frac{x}{11}$

188)  $\frac{7}{4} = \frac{x}{8}$

189)  $\frac{n}{4} = \frac{10}{11}$

190)  $\frac{2}{4} = \frac{5}{m}$

191)  $\frac{12}{8} = \frac{p}{4}$

192)  $\frac{8x}{10} = \frac{11}{3}$

193)  $\frac{n}{9} = \frac{11}{5}$

194)  $\frac{7}{b} = \frac{3}{9}$

195)  $\frac{x}{9} = \frac{5}{4}$

196)  $\frac{2}{r} = \frac{10}{9}$

197)  $\frac{n}{5} = \frac{3}{4}$

198)  $\frac{2}{b} = \frac{10}{8}$

199)  $\frac{3}{10} = \frac{10}{x}$

200)  $\frac{4}{10} = \frac{2v}{3}$

201)  $\frac{46}{x} = \frac{37}{36}$

202)  $\frac{a}{50} = \frac{41}{2}$

203)  $\frac{46}{k} = \frac{16}{36}$

204)  $\frac{13}{11} = \frac{50}{p}$

205)  $\frac{28}{45} = \frac{7}{x}$

206)  $\frac{3}{n} = \frac{42}{40}$

207)  $\frac{36}{m} = \frac{39}{17}$

208)  $\frac{r}{13} = \frac{49}{3}$

209)  $\frac{x}{28} = \frac{44}{18}$

210)  $\frac{29}{38} = \frac{35}{b}$

211)  $\frac{40}{n} = \frac{14}{24}$

212)  $\frac{34}{v} = \frac{44}{48}$

213)  $\frac{x}{44} = \frac{48}{40}$

214)  $\frac{a}{9} = \frac{34}{19}$

215)  $\frac{39}{n} = \frac{5}{44}$

216)  $\frac{5}{k} = \frac{16}{47}$

217)  $\frac{23}{30} = \frac{43}{x}$

218)  $\frac{42}{n} = \frac{27}{11}$

219)  $\frac{47}{m} = \frac{6}{25}$

220)  $\frac{45}{38} = \frac{15}{x}$

221)  $\frac{42}{21} = \frac{p}{22}$

222)  $\frac{x}{36} = \frac{37}{35}$

223)  $\frac{32}{16} = \frac{n}{32}$

224)  $\frac{42}{46} = \frac{47}{46b}$

225)  $\frac{x}{6} = \frac{37}{8}$

226)  $\frac{50}{n} = \frac{22}{3}$

227)  $\frac{42}{r} = \frac{11}{41}$

228)  $\frac{45}{a} = \frac{37}{49}$

229)  $\frac{23}{x} = \frac{13}{49}$

230)  $\frac{v}{41} = \frac{13}{33}$

231)  $\frac{48}{9} = \frac{36}{x}$

232)  $\frac{19}{a} = \frac{9}{45}$

233)  $\frac{3}{p} = \frac{38}{30}$

234)  $\frac{44}{x} = \frac{35}{48}$

235)  $\frac{24}{34} = \frac{40}{k}$

236)  $\frac{40}{n} = \frac{49}{44}$

237)  $\frac{14}{4} = \frac{39}{m}$

238)  $\frac{x}{47} = \frac{48}{25}$

239)  $\frac{29}{50} = \frac{2}{r}$

240)  $\frac{b}{7} = \frac{38}{4}$

241)  $\frac{v}{2} = \frac{21}{37}$

242)  $\frac{43}{n} = \frac{40}{11}$

243)  $\frac{15}{17} = \frac{47}{x}$

244)  $\frac{30}{32} = \frac{42}{n}$

245)  $\frac{k}{42} = \frac{41}{44}$

246)  $\frac{a}{28} = \frac{38}{27}$

247)  $\frac{46}{x} = \frac{6}{38}$

248)  $\frac{x}{42} = \frac{2}{30}$

249)  $\frac{17}{37} = \frac{48}{n}$

250)  $\frac{31}{45} = \frac{50}{m}$

251)  $\frac{9}{28} = \frac{p}{45}$

252)  $\frac{5}{x} = \frac{43}{41}$



253)  $\frac{4}{n} = \frac{7}{19}$

254)  $\frac{49}{b} = \frac{4}{15}$

255)  $\frac{29}{r} = \frac{18}{45}$

256)  $\frac{33}{26} = \frac{40}{x}$

257)  $\frac{40}{47} = \frac{n}{3}$

258)  $\frac{44}{9} = \frac{v}{50}$

259)  $\frac{36a}{49} = \frac{44}{29}$

260)  $\frac{39}{x} = \frac{23}{46}$

261)  $\frac{x}{3} = \frac{42}{20}$

262)  $\frac{7}{a} = \frac{34}{48}$

263)  $\frac{49}{3} = \frac{43}{k}$

264)  $\frac{45}{39} = \frac{17}{p}$

265)  $\frac{10}{48} = \frac{13x}{2}$

266)  $\frac{47}{n} = \frac{25}{27}$

267)  $\frac{m}{42} = \frac{23}{21}$

268)  $\frac{38}{r} = \frac{36}{6}$

269)  $\frac{47}{48} = \frac{46}{n}$

270)  $\frac{50}{x} = \frac{5}{34}$

271)  $\frac{44}{12} = \frac{b}{42}$

272)  $\frac{v}{40} = \frac{5}{26}$

273)  $\frac{50}{23} = \frac{x}{4}$

274)  $\frac{n}{46} = \frac{37}{21}$

275)  $\frac{a}{15} = \frac{41}{2}$

276)  $\frac{p}{50} = \frac{25}{13}$

277)  $\frac{x}{21} = \frac{45}{28}$

278)  $\frac{40}{42} = \frac{n}{36}$

279)  $\frac{16}{11} = \frac{4}{k}$

280)  $\frac{4}{m} = \frac{39}{32}$

281)  $\frac{46}{3} = \frac{p}{49}$

282)  $\frac{14}{38} = \frac{8}{n}$

283)  $\frac{18}{44} = \frac{42}{x}$

284)  $\frac{2}{29} = \frac{b}{3}$

285)  $\frac{r}{49} = \frac{48}{44}$

286)  $\frac{43}{x} = \frac{40}{13}$

287)  $\frac{5}{9} = \frac{7}{n}$

288)  $\frac{23}{a} = \frac{19}{2}$

289)  $\frac{16}{47} = \frac{19}{v}$

290)  $\frac{x}{43} = \frac{33}{30}$

291)  $\frac{x}{30} = \frac{6}{45}$

292)  $\frac{n}{44} = \frac{10}{16}$

293)  $\frac{47}{k} = \frac{6}{40}$

294)  $\frac{36}{21} = \frac{p}{42}$

295)  $\frac{50}{x} = \frac{35}{5}$

296)  $\frac{50}{46} = \frac{46}{11m}$

297)  $\frac{9}{11} = \frac{r}{7}$

298)  $\frac{5}{35} = \frac{21x}{8}$

299)  $\frac{23}{32} = \frac{46}{n}$

300)  $\frac{17}{22} = \frac{n}{50}$

**Solve proportions from integers to fractions**

301)  $\frac{8}{6} = \frac{10}{x}$

302)  $\frac{11}{12} = \frac{2}{k}$

303)  $\frac{4}{5} = \frac{2}{a}$

304)  $\frac{4}{p} = \frac{10}{11}$

305)  $\frac{x}{11} = \frac{11}{4}$

306)  $\frac{7}{n} = \frac{11}{6}$

307)  $\frac{9}{10} = \frac{7}{m}$

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

309)  $\frac{3}{x} = \frac{10}{12}$

310)  $\frac{n}{12} = \frac{8}{9}$

311)  $\frac{b}{11} = \frac{12}{4}$

312)  $\frac{v}{12} = \frac{6}{10}$

313)  $\frac{a}{12} = \frac{4}{10}$

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

315)  $\frac{3}{8} = \frac{9}{n}$

316)  $\frac{k}{5} = \frac{8}{4}$

317)  $\frac{3}{12} = \frac{x}{3}$

318)  $\frac{10}{x} = \frac{2}{10}$

319)  $\frac{4}{5} = \frac{n}{9}$

320)  $\frac{5}{9} = \frac{p}{4}$

321)  $\frac{3}{9} = \frac{9}{m}$

322)  $\frac{3}{2} = \frac{n}{6}$

323)  $\frac{6}{x} = \frac{4}{11}$

324)  $\frac{10}{m} = \frac{9}{2}$

325)  $\frac{9}{11} = \frac{4}{n}$

326)  $\frac{10}{x} = \frac{2}{9}$

327)  $\frac{7}{3} = \frac{b}{11}$

328)  $\frac{2r}{5} = \frac{4}{10}$

329)  $\frac{v}{7} = \frac{7}{10}$

330)  $\frac{10}{8} = \frac{x}{3}$

331)  $\frac{3}{10} = \frac{x}{5}$

332)  $\frac{7}{10} = \frac{5}{11a}$

333)  $\frac{3}{12} = \frac{11}{p}$

334)  $\frac{8}{x} = \frac{9}{6}$

335)  $\frac{n}{8} = \frac{2}{4}$

336)  $\frac{3}{8} = \frac{12}{k}$

337)  $\frac{4}{9} = \frac{r}{12}$

338)  $\frac{9}{m} = \frac{2}{4}$

339)  $\frac{8}{12} = \frac{x}{8}$

340)  $\frac{n}{3} = \frac{2}{9}$

341)  $\frac{5}{9} = \frac{6}{b}$

342)  $\frac{v}{2} = \frac{9}{7}$

343)  $\frac{9}{2} = \frac{x}{5}$

344)  $\frac{a}{6} = \frac{8}{7}$

345)  $\frac{3}{k} = \frac{11}{2}$

346)  $\frac{x}{6} = \frac{10}{3}$

347)  $\frac{8}{2} = \frac{10}{x}$

348)  $\frac{n}{9} = \frac{10}{7}$

349)  $\frac{4}{8} = \frac{m}{6}$

350)  $\frac{x}{7} = \frac{3}{6}$

351)  $\frac{12}{p} = \frac{3}{7}$

352)  $\frac{11}{2} = \frac{b}{5}$

353)  $\frac{3}{8} = \frac{r}{11}$

354)  $\frac{4}{7} = \frac{x}{11}$

355)  $\frac{2}{8} = \frac{11}{n}$

356)  $\frac{12}{7} = \frac{8}{b}$

357)  $\frac{4}{v} = \frac{7}{2}$

358)  $\frac{2}{4} = \frac{5}{x}$

359)  $\frac{12}{x} = \frac{8}{12}$

360)  $\frac{a}{8} = \frac{7}{2}$

361)  $\frac{k}{3} = \frac{9}{5}$

362)  $\frac{p}{7} = \frac{9}{8}$

363)  $\frac{9}{8} = \frac{5n}{12}$

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

365)  $\frac{5}{m} = \frac{8}{5}$

366)  $\frac{r}{2} = \frac{8}{6}$

367)  $\frac{x}{2} = \frac{3}{10}$

368)  $\frac{n}{10} = \frac{10}{7}$

369)  $\frac{10}{6} = \frac{b}{2}$

370)  $\frac{9}{v} = \frac{10}{6}$

371)  $\frac{3}{6} = \frac{n}{12}$

372)  $\frac{7}{4} = \frac{6}{x}$

373)  $\frac{10}{7} = \frac{k}{11}$

374)  $\frac{6}{5} = \frac{x}{11}$

375)  $\frac{4}{9} = \frac{n}{7}$

376)  $\frac{12}{x} = \frac{6}{11}$

377)  $\frac{m}{12} = \frac{8}{5}$

378)  $\frac{p}{7} = \frac{4}{12}$

379)  $\frac{2}{6} = \frac{x}{4}$

380)  $\frac{n}{12} = \frac{6}{8}$

381)  $\frac{11}{5} = \frac{b}{12}$

382)  $\frac{8}{6} = \frac{r}{8}$

383)  $\frac{3}{x} = \frac{4}{9}$

384)  $\frac{5}{11} = \frac{n}{7}$

385)  $\frac{b}{2} = \frac{5}{6}$

386)  $\frac{9}{12} = \frac{v}{5}$

387)  $\frac{7}{8} = \frac{x}{11}$

388)  $\frac{10}{6} = \frac{8}{x}$

389)  $\frac{11}{k} = \frac{3}{10}$

390)  $\frac{12}{3} = \frac{10}{a}$

391)  $\frac{p}{2} = \frac{6}{5}$

392)  $\frac{9}{12} = \frac{x}{6}$

393)  $\frac{5}{10} = \frac{n}{2}$

394)  $\frac{m}{12} = \frac{3}{5}$

395)  $\frac{11}{10} = \frac{x}{11}$

396)  $\frac{7}{b} = \frac{5}{11}$

397)  $\frac{9}{12} = \frac{3}{11r}$

398)  $\frac{6}{7n} = \frac{2}{5}$

399)  $\frac{5}{6} = \frac{v}{7}$

400)  $\frac{2}{4} = \frac{12}{x}$

**Solve proportions from integers to decimals**

401)  $\frac{m}{7} = \frac{20}{9}$

402)  $\frac{4}{15} = \frac{11}{r}$

403)  $\frac{10}{7} = \frac{18}{x}$

404)  $\frac{7b}{19} = \frac{9}{2}$

405)  $\frac{n}{11} = \frac{14}{5}$

406)  $\frac{4}{v} = \frac{6}{11}$

407)  $\frac{8}{x} = \frac{15}{8}$

408)  $\frac{12}{x} = \frac{15}{3}$

409)  $\frac{2}{8} = \frac{18}{a}$

410)  $\frac{4}{16} = \frac{k}{14}$

411)  $\frac{8}{p} = \frac{11}{17}$

412)  $\frac{12}{9} = \frac{8}{n}$

413)  $\frac{12}{17} = \frac{x}{4}$

414)  $\frac{13}{6} = \frac{9}{r}$

415)  $\frac{3}{5} = \frac{8}{x}$

416)  $\frac{5}{m} = \frac{7}{3}$

417)  $\frac{n}{9} = \frac{17}{2}$

418)  $\frac{20}{9} = \frac{b}{6}$

419)  $\frac{x}{11} = \frac{6}{18}$

420)  $\frac{15}{v} = \frac{3}{10}$

421)  $\frac{2}{n} = \frac{13}{6}$

422)  $\frac{5}{k} = \frac{14}{2}$

423)  $\frac{19}{9} = \frac{6}{a}$

424)  $\frac{x}{20} = \frac{7}{8}$

425)  $\frac{3}{x} = \frac{20}{15}$

426)  $\frac{n}{19} = \frac{7}{9}$

427)  $\frac{11}{9} = \frac{7}{p}$

428)  $\frac{19}{5} = \frac{3}{x}$

429)  $\frac{3}{m} = \frac{4}{14}$

430)  $\frac{8}{20} = \frac{n}{8}$

431)  $\frac{2}{x} = \frac{15}{4}$

432)  $\frac{r}{20} = \frac{19}{15}$

433)  $\frac{2}{20} = \frac{17}{n}$

434)  $\frac{m}{4} = \frac{3}{6}$

435)  $\frac{x}{5} = \frac{11}{6}$

436)  $\frac{12}{20} = \frac{x}{6}$

437)  $\frac{8}{v} = \frac{18}{11}$

438)  $\frac{2}{19} = \frac{5a}{7}$

439)  $\frac{5}{p} = \frac{8}{20}$

440)  $\frac{5}{6} = \frac{k}{17}$

441)  $\frac{3}{16} = \frac{2}{x}$

442)  $\frac{18}{17} = \frac{n}{11}$

443)  $\frac{6}{4} = \frac{m}{2}$

444)  $\frac{10}{r} = \frac{11}{18}$

445)  $\frac{18}{13} = \frac{5}{2x}$

446)  $\frac{18}{19} = \frac{n}{20}$

447)  $\frac{14}{4} = \frac{3}{b}$

448)  $\frac{9}{19} = \frac{19}{v}$

449)  $\frac{x}{14} = \frac{3}{15}$

450)  $\frac{9}{10} = \frac{n}{19}$

451)  $\frac{13}{a} = \frac{4}{3}$

452)  $\frac{k}{8} = \frac{20}{11}$

453)  $\frac{x}{20} = \frac{19}{10}$

454)  $\frac{6}{3} = \frac{16}{x}$

455)  $\frac{n}{2} = \frac{16}{15}$

456)  $\frac{20}{4} = \frac{m}{17}$

457)  $\frac{p}{16} = \frac{13}{10}$

458)  $\frac{9}{10} = \frac{8}{x}$

459)  $\frac{11}{n} = \frac{16}{17}$

460)  $\frac{12}{3} = \frac{m}{7}$

461)  $\frac{5}{16} = \frac{x}{13}$

462)  $\frac{n}{17} = \frac{7}{3}$

463)  $\frac{2}{16} = \frac{14}{b}$

464)  $\frac{6}{17} = \frac{2}{r}$

465)  $\frac{18}{8} = \frac{v}{11}$

466)  $\frac{x}{18} = \frac{10}{2}$

467)  $\frac{14}{3} = \frac{x}{14}$

468)  $\frac{a}{14} = \frac{5}{4}$

469)  $\frac{4}{13} = \frac{p}{15}$

470)  $\frac{20}{19} = \frac{19}{x}$

471)  $\frac{14}{13} = \frac{n}{15}$

472)  $\frac{9}{10} = \frac{19}{m}$

473)  $\frac{4}{13} = \frac{15}{r}$

474)  $\frac{x}{8} = \frac{11}{10}$

475)  $\frac{4}{n} = \frac{5}{16}$

476)  $\frac{19}{7} = \frac{12b}{19}$

477)  $\frac{16}{6} = \frac{v}{2}$

478)  $\frac{14}{20} = \frac{18}{12x}$

479)  $\frac{15}{13} = \frac{16}{n}$

480)  $\frac{k}{12} = \frac{17}{16}$

481)  $\frac{16}{a} = \frac{2}{13}$

482)  $\frac{7}{11} = \frac{x}{13}$

483)  $\frac{17}{20} = \frac{x}{2}$

484)  $\frac{13}{12} = \frac{n}{5}$

485)  $\frac{m}{9} = \frac{6}{14}$

486)  $\frac{16}{13} = \frac{p}{14}$

487)  $\frac{n}{15} = \frac{14}{2}$

488)  $\frac{x}{11} = \frac{10}{8}$

489)  $\frac{17}{10} = \frac{10}{b}$

490)  $\frac{3}{5} = \frac{14}{r}$

491)  $\frac{18}{x} = \frac{6}{10}$

492)  $\frac{12}{4} = \frac{15}{n}$

493)  $\frac{11}{6} = \frac{b}{19}$

494)  $\frac{v}{15} = \frac{15}{14}$

495)  $\frac{8}{18} = \frac{11}{x}$

496)  $\frac{15}{13} = \frac{7}{x}$

497)  $\frac{13}{8} = \frac{4}{k}$

498)  $\frac{6}{11} = \frac{9}{a}$

499)  $\frac{p}{12} = \frac{7}{11}$

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

501)  $\frac{49}{11} = \frac{k}{45}$

502)  $\frac{p}{13} = \frac{40}{26}$

503)  $\frac{36}{x} = \frac{40}{10}$

504)  $\frac{31}{37} = \frac{n}{24}$



505)  $\frac{m}{44} = \frac{20}{19}$

506)  $\frac{30}{13} = \frac{x}{35}$

507)  $\frac{46}{16} = \frac{40}{p}$

508)  $\frac{26}{n} = \frac{27}{48}$

509)  $\frac{42}{44} = \frac{41}{b}$

510)  $\frac{47}{n} = \frac{17}{48}$

511)  $\frac{12}{3} = \frac{34}{x}$

512)  $\frac{39}{r} = \frac{38}{37}$

513)  $\frac{14}{43} = \frac{11}{a}$

514)  $\frac{x}{22} = \frac{34}{43}$

515)  $\frac{47}{x} = \frac{8}{18}$

516)  $\frac{29}{38} = \frac{7}{v}$

517)  $\frac{29}{4} = \frac{42}{32n}$

518)  $\frac{k}{28} = \frac{37}{19}$

519)  $\frac{33}{p} = \frac{7}{24}$

520)  $\frac{30}{39} = \frac{46}{x}$

521)  $\frac{n}{41} = \frac{35}{45}$

522)  $\frac{m}{49} = \frac{37}{9}$

523)  $\frac{50}{r} = \frac{6}{45}$

524)  $\frac{45}{23} = \frac{9x}{20}$

525)  $\frac{16}{46} = \frac{v}{49}$

526)  $\frac{31}{20} = \frac{36}{b}$

527)  $\frac{5}{n} = \frac{35}{41}$

528)  $\frac{40}{7} = \frac{n}{26}$

529)  $\frac{30}{x} = \frac{11}{45}$

530)  $\frac{k}{49} = \frac{36}{10}$

531)  $\frac{22}{a} = \frac{33}{35}$

532)  $\frac{44}{p} = \frac{19}{33}$

533)  $\frac{n}{35} = \frac{43}{12}$

534)  $\frac{46}{39} = \frac{47}{x}$

535)  $\frac{m}{7} = \frac{48}{27}$

536)  $\frac{17}{x} = \frac{3}{38}$

537)  $\frac{2}{n} = \frac{29}{14}$

538)  $\frac{43}{p} = \frac{23}{3}$

539)  $\frac{49}{28} = \frac{47}{b}$

540)  $\frac{14}{24} = \frac{42}{r}$

541)  $\frac{n}{25} = \frac{34}{18}$

542)  $\frac{46}{a} = \frac{39}{30}$

543)  $\frac{20}{x} = \frac{28}{38}$

544)  $\frac{45}{4} = \frac{v}{42}$

545)  $\frac{30}{2} = \frac{n}{46}$

546)  $\frac{41}{x} = \frac{50}{37}$

547)  $\frac{15}{50} = \frac{5}{x}$

548)  $\frac{36}{p} = \frac{41}{11}$

549)  $\frac{x}{50} = \frac{26}{5}$

550)  $\frac{k}{15} = \frac{41}{26}$

551)  $\frac{n}{22} = \frac{45}{20}$

552)  $\frac{3}{r} = \frac{31}{32}$

553)  $\frac{x}{49} = \frac{28}{46}$

554)  $\frac{16}{40} = \frac{18}{m}$

555)  $\frac{n}{43} = \frac{44}{42}$

556)  $\frac{39}{7} = \frac{b}{39}$

557)  $\frac{3}{21} = \frac{v}{3}$

558)  $\frac{32}{13} = \frac{43}{n}$

559)  $\frac{18}{10} = \frac{49x}{48}$

560)  $\frac{k}{24} = \frac{2}{44}$

561)  $\frac{9}{47} = \frac{a}{39}$

562)  $\frac{47}{8} = \frac{p}{20}$

563)  $\frac{23}{16} = \frac{43}{x}$

564)  $\frac{30}{19} = \frac{n}{38}$

565)  $\frac{34}{47} = \frac{m}{26}$

566)  $\frac{40}{48} = \frac{r}{47}$

567)  $\frac{x}{42} = \frac{37}{45}$

568)  $\frac{n}{10} = \frac{37}{9}$

569)  $\frac{r}{46} = \frac{11}{39}$

570)  $\frac{50}{24} = \frac{b}{47}$

571)  $\frac{50}{4} = \frac{21}{n}$

572)  $\frac{7}{x} = \frac{35}{41}$

573)  $\frac{14}{18} = \frac{50}{a}$

574)  $\frac{45}{11} = \frac{v}{14}$

575)  $\frac{40}{26} = \frac{x}{28}$

576)  $\frac{24}{40} = \frac{x}{4}$

577)  $\frac{38}{37} = \frac{n}{49}$

578)  $\frac{44}{k} = \frac{8}{34}$

579)  $\frac{16}{40} = \frac{49}{p}$

580)  $\frac{n}{9} = \frac{48}{27}$

581)  $\frac{x}{3} = \frac{45}{12}$

582)  $\frac{44}{m} = \frac{42}{5}$

583)  $\frac{17}{48} = \frac{12}{n}$

584)  $\frac{39}{19r} = \frac{24}{38}$

585)  $\frac{3}{2} = \frac{15}{x}$

586)  $\frac{b}{43} = \frac{26}{14}$

587)  $\frac{v}{6} = \frac{22}{28}$

588)  $\frac{x}{43} = \frac{36}{8}$

589)  $\frac{47}{8} = \frac{n}{32}$

590)  $\frac{11}{4} = \frac{42}{47a}$

591)  $\frac{19}{43} = \frac{5}{k}$

592)  $\frac{47}{7} = \frac{33}{p}$

593)  $\frac{3}{30} = \frac{x}{46}$

594)  $\frac{n}{17} = \frac{41}{45}$

595)  $\frac{10}{6} = \frac{r}{50}$

596)  $\frac{9}{5} = \frac{13}{m}$

597)  $\frac{24}{20} = \frac{x}{45}$

598)  $\frac{b}{34} = \frac{4}{31}$

599)  $\frac{r}{49} = \frac{30}{46}$

600)  $\frac{35}{41} = \frac{20}{n}$

## Solving proportions of integers

Solve proportions:

$$1) \frac{3}{6} = \frac{n}{4}$$

{2}

$$3) \frac{4}{5} = \frac{x}{3}$$

{2.4}

$$5) \frac{x}{8} = \frac{4}{5}$$

{6.4}

$$7) \frac{2}{7} = \frac{5}{m}$$

{17.5}

$$9) \frac{n}{5} = \frac{5}{2}$$

{12.5}

$$11) \frac{2}{4} = \frac{5}{b}$$

{10}

$$13) \frac{6}{7} = \frac{a}{2}$$

{1.71}

$$15) \frac{x}{6} = \frac{8}{4}$$

{12}

$$17) \frac{7}{2} = \frac{a}{7}$$

{24.5}

$$19) \frac{7}{6} = \frac{p}{5}$$

{5.83}

$$21) \frac{m}{3} = \frac{8}{6}$$

{4}

$$23) \frac{8}{7} = \frac{n}{6}$$

{6.85}

$$25) \frac{7}{8} = \frac{8}{b}$$

{9.14}

$$27) \frac{7}{n} = \frac{3}{8}$$

{18.66}

$$2) \frac{6}{2} = \frac{4}{a}$$

{1.33}

$$4) \frac{8}{2} = \frac{4}{k}$$

{1}

$$6) \frac{n}{5} = \frac{8}{3}$$

{13.33}

$$8) \frac{8}{6} = \frac{5}{x}$$

{3.75}

$$10) \frac{4}{7} = \frac{r}{6}$$

{3.42}

$$12) \frac{6}{4} = \frac{n}{2}$$

{3}

$$14) \frac{3}{2} = \frac{x}{6}$$

{9}

$$16) \frac{7}{4} = \frac{x}{7}$$

{12.25}

$$18) \frac{7}{4} = \frac{k}{6}$$

{10.5}

$$20) \frac{n}{7} = \frac{4}{5}$$

{5.6}

$$22) \frac{5}{8} = \frac{3}{r}$$

{4.8}

$$24) \frac{x}{8} = \frac{2}{3}$$

{5.33}

$$26) \frac{3}{8v} = \frac{2}{6}$$

{1.12}

$$28) \frac{4}{5} = \frac{5}{k}$$

{6.25}

$$29) \frac{7}{8} = \frac{4}{x}$$

{4.57}

$$31) \frac{3}{4} = \frac{2n}{5}$$

{1.87}

$$33) \frac{2}{6} = \frac{p}{2}$$

{0.66}

$$35) \frac{2}{7} = \frac{x}{5}$$

{1.42}

$$37) \frac{3}{2} = \frac{b}{8}$$

{12}

$$39) \frac{n}{6} = \frac{3}{2}$$

{9}

$$41) \frac{3}{v} = \frac{7}{4}$$

{1.71}

$$43) \frac{2}{7} = \frac{a}{4}$$

{1.14}

$$45) \frac{4}{2} = \frac{p}{4}$$

{8}

$$47) \frac{7}{4} = \frac{n}{5}$$

{8.75}

$$49) \frac{5}{3} = \frac{m}{7}$$

{11.66}

$$51) \frac{3}{x} = \frac{8}{6}$$

{2.25}

$$53) \frac{2}{n} = \frac{5}{6}$$

{2.4}

$$55) \frac{8}{7} = \frac{7}{x}$$

{6.12}

$$57) \frac{5}{4} = \frac{p}{7}$$

{8.75}

$$59) \frac{2}{4} = \frac{5}{8n}$$

{1.25}

$$30) \frac{3}{4} = \frac{2}{x}$$

{2.66}

$$32) \frac{m}{2} = \frac{2}{8}$$

{0.5}

$$34) \frac{2}{n} = \frac{7}{8}$$

{2.28}

$$36) \frac{7}{5} = \frac{r}{3}$$

{4.2}

$$38) \frac{x}{6} = \frac{3}{7}$$

{2.57}

$$40) \frac{5}{4} = \frac{a}{3}$$

{3.75}

$$42) \frac{7}{4} = \frac{4}{x}$$

{2.28}

$$44) \frac{k}{4} = \frac{2}{3}$$

{2.66}

$$46) \frac{6}{8} = \frac{4}{x}$$

{5.33}

$$48) \frac{r}{5} = \frac{6}{2}$$

{15}

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

{8.33}

$$52) \frac{4}{b} = \frac{6}{5}$$

{3.33}

$$54) \frac{x}{8} = \frac{7}{5}$$

{11.2}

$$56) \frac{5}{7} = \frac{6}{m}$$

{8.4}

$$58) \frac{x}{7} = \frac{4}{2}$$

{14}

$$60) \frac{7}{8} = \frac{3}{b}$$

{3.42}

61)  $\frac{2}{r} = \frac{7}{8}$   
 {2.28}

63)  $\frac{8}{x} = \frac{4}{2}$   
 {4}

65)  $\frac{8}{n} = \frac{4}{7}$   
 {14}

67)  $\frac{5}{6} = \frac{4}{n}$   
 {4.8}

69)  $\frac{k}{5} = \frac{6}{7}$   
 {4.28}

71)  $\frac{n}{2} = \frac{3}{6}$   
 {1}

73)  $\frac{v}{3} = \frac{7}{6}$   
 {3.5}

75)  $\frac{x}{6} = \frac{3}{8}$   
 {2.25}

77)  $\frac{5}{6} = \frac{a}{3}$   
 {2.5}

79)  $\frac{3}{p} = \frac{2}{4}$   
 {6}

81)  $\frac{5}{x} = \frac{7}{8}$   
 {5.71}

83)  $\frac{3}{v} = \frac{4}{6}$   
 {4.5}

85)  $\frac{6}{8} = \frac{7}{p}$   
 {9.33}

87)  $\frac{7}{m} = \frac{2}{6}$   
 {21}

89)  $\frac{7}{x} = \frac{3}{4}$   
 {9.33}

91)  $\frac{n}{8} = \frac{8}{4}$   
 {16}

62)  $\frac{8}{3} = \frac{a}{8}$   
 {21.33}

64)  $\frac{8}{2} = \frac{v}{4}$   
 {16}

66)  $\frac{x}{7} = \frac{6}{8}$   
 {5.25}

68)  $\frac{7x}{8} = \frac{7}{2}$   
 {4}

70)  $\frac{2}{x} = \frac{6}{4}$   
 {1.33}

72)  $\frac{6}{5} = \frac{x}{2}$   
 {2.4}

74)  $\frac{4}{2} = \frac{8}{n}$   
 {4}

76)  $\frac{7}{3} = \frac{5}{n}$   
 {2.14}

78)  $\frac{k}{3} = \frac{4}{8}$   
 {1.5}

80)  $\frac{5}{p} = \frac{6}{4}$   
 {3.33}

82)  $\frac{6}{3} = \frac{5r}{7}$   
 {2.8}

84)  $\frac{8}{2} = \frac{n}{6}$   
 {24}

86)  $\frac{n}{6} = \frac{7}{3}$   
 {14}

88)  $\frac{r}{7} = \frac{5}{8}$   
 {4.37}

90)  $\frac{6}{8} = \frac{4}{n}$   
 {5.33}

92)  $\frac{8}{x} = \frac{2}{5}$   
 {20}

$$93) \frac{8}{a} = \frac{2}{8}$$

{32}

$$95) \frac{x}{2} = \frac{3}{5}$$

{1.2}

$$97) \frac{4}{2} = \frac{2}{b}$$

{1}

$$99) \frac{3}{a} = \frac{4}{7}$$

{5.25}

$$101) \frac{12}{3} = \frac{x}{8}$$

{32}

$$103) \frac{4}{10} = \frac{n}{7}$$

{2.8}

$$105) \frac{12}{4} = \frac{x}{10}$$

{30}

$$107) \frac{x}{8} = \frac{12}{4}$$

{24}

$$109) \frac{5}{4} = \frac{p}{2}$$

{2.5}

$$111) \frac{r}{4} = \frac{10}{2}$$

{20}

$$113) \frac{n}{2} = \frac{10}{3}$$

{6.66}

$$115) \frac{6}{b} = \frac{2}{10}$$

{30}

$$117) \frac{x}{4} = \frac{3}{2}$$

{6}

$$119) \frac{11}{8} = \frac{a}{11}$$

{15.12}

$$121) \frac{10}{7} = \frac{9}{p}$$

{6.3}

$$123) \frac{2}{12} = \frac{4}{n}$$

{24}

$$94) \frac{6}{5} = \frac{7}{m}$$

{5.83}

$$96) \frac{7}{2} = \frac{3}{n}$$

{0.85}

$$98) \frac{7}{x} = \frac{3}{2}$$

{4.66}

$$100) \frac{6}{3} = \frac{3v}{7}$$

{4.66}

$$102) \frac{11}{10} = \frac{a}{4}$$

{4.4}

$$104) \frac{3}{6} = \frac{4}{k}$$

{8}

$$106) \frac{12}{3} = \frac{n}{9}$$

{36}

$$108) \frac{4}{9} = \frac{7}{m}$$

{15.75}

$$110) \frac{2}{10} = \frac{5}{x}$$

{25}

$$112) \frac{m}{8} = \frac{2}{4}$$

{4}

$$114) \frac{7}{9} = \frac{x}{10}$$

{7.77}

$$116) \frac{5}{8} = \frac{v}{6}$$

{3.75}

$$118) \frac{3}{x} = \frac{11}{8}$$

{2.18}

$$120) \frac{3}{6} = \frac{11}{k}$$

{22}

$$122) \frac{8}{7} = \frac{5}{x}$$

{4.37}

$$124) \frac{r}{4} = \frac{11}{8}$$

{5.5}

125)  $\frac{2}{6} = \frac{12}{x}$

 $\{36\}$ 

127)  $\frac{6}{9} = \frac{12}{n}$

 $\{18\}$ 

129)  $\frac{9}{v} = \frac{2}{12}$

 $\{54\}$ 

131)  $\frac{n}{3} = \frac{5}{7}$

 $\{2.14\}$ 

133)  $\frac{9}{7} = \frac{x}{9}$

 $\{11.57\}$ 

135)  $\frac{4}{8} = \frac{x}{10}$

 $\{5\}$ 

137)  $\frac{7}{8} = \frac{n}{10}$

 $\{8.75\}$ 

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

 $\{1.25\}$ 

141)  $\frac{7}{11} = \frac{11}{r}$

 $\{17.28\}$ 

143)  $\frac{n}{10} = \frac{7}{9}$

 $\{7.77\}$ 

145)  $\frac{4}{12} = \frac{x}{4}$

 $\{1.33\}$ 

147)  $\frac{k}{2} = \frac{8}{12}$

 $\{1.33\}$ 

149)  $\frac{p}{5} = \frac{8}{7}$

 $\{5.71\}$ 

151)  $\frac{12}{8} = \frac{5}{n}$

 $\{3.33\}$ 

153)  $\frac{7}{6} = \frac{x}{9}$

 $\{10.5\}$ 

155)  $\frac{n}{9} = \frac{9}{6}$

 $\{13.5\}$ 

126)  $\frac{7}{4m} = \frac{10}{9}$

 $\{1.57\}$ 

128)  $\frac{8}{7} = \frac{b}{9}$

 $\{10.28\}$ 

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

 $\{4.37\}$ 

132)  $\frac{8k}{3} = \frac{5}{8}$

 $\{0.23\}$ 

134)  $\frac{6}{a} = \frac{12}{2}$

 $\{1\}$ 

136)  $\frac{6}{2} = \frac{m}{3}$

 $\{9\}$ 

138)  $\frac{6}{p} = \frac{8}{10}$

 $\{7.5\}$ 

140)  $\frac{5}{4} = \frac{11}{m}$

 $\{8.8\}$ 

142)  $\frac{6}{2} = \frac{x}{7}$

 $\{21\}$ 

144)  $\frac{b}{5} = \frac{3}{7}$

 $\{2.14\}$ 

146)  $\frac{7}{12} = \frac{11}{x}$

 $\{18.85\}$ 

148)  $\frac{12}{a} = \frac{9}{6}$

 $\{8\}$ 

150)  $\frac{x}{5} = \frac{12}{3}$

 $\{20\}$ 

152)  $\frac{r}{3} = \frac{6}{7}$

 $\{2.57\}$ 

154)  $\frac{8}{3} = \frac{6}{m}$

 $\{2.25\}$ 

156)  $\frac{4}{8} = \frac{10b}{11}$

 $\{0.55\}$



157)  $\frac{7}{2} = \frac{v}{6}$

{21}

159)  $\frac{2}{12} = \frac{n}{10}$

{1.66}

161)  $\frac{k}{10} = \frac{9}{5}$

{18}

163)  $\frac{11}{10} = \frac{7x}{7}$

{1.1}

165)  $\frac{5}{p} = \frac{6}{3}$

{2.5}

167)  $\frac{3}{m} = \frac{12}{10}$

{2.5}

169)  $\frac{b}{11} = \frac{12}{6}$

{22}

171)  $\frac{8}{x} = \frac{11}{2}$

{1.45}

173)  $\frac{5}{12} = \frac{4}{b}$

{9.6}

175)  $\frac{x}{5} = \frac{11}{9}$

{6.11}

177)  $\frac{11}{2} = \frac{9}{a}$

{1.63}

179)  $\frac{6}{p} = \frac{2}{12}$

{36}

181)  $\frac{n}{2} = \frac{3}{5}$

{1.2}

183)  $\frac{7}{11} = \frac{n}{4}$

{2.54}

185)  $\frac{10}{7} = \frac{12}{b}$

{8.4}

187)  $\frac{8}{5} = \frac{x}{11}$

{17.6}

158)  $\frac{4}{6} = \frac{3}{x}$

{4.5}

160)  $\frac{a}{2} = \frac{7}{10}$

{1.4}

162)  $\frac{x}{4} = \frac{11}{12}$

{3.66}

164)  $\frac{5}{3} = \frac{7}{n}$

{4.2}

166)  $\frac{x}{5} = \frac{3}{9}$

{1.66}

168)  $\frac{n}{4} = \frac{12}{11}$

{4.36}

170)  $\frac{5}{6} = \frac{8}{r}$

{9.6}

172)  $\frac{4}{6} = \frac{n}{5}$

{3.33}

174)  $\frac{v}{11} = \frac{8}{6}$

{14.66}

176)  $\frac{12}{9} = \frac{6}{x}$

{4.5}

178)  $\frac{9}{5} = \frac{k}{9}$

{16.2}

180)  $\frac{8}{10} = \frac{x}{6}$

{4.8}

182)  $\frac{r}{10} = \frac{2}{4}$

{5}

184)  $\frac{v}{3} = \frac{3}{4}$

{2.25}

186)  $\frac{x}{3} = \frac{10}{11}$

{2.72}

188)  $\frac{7}{4} = \frac{x}{8}$

{14}

189)  $\frac{n}{4} = \frac{10}{11}$

 $\{3.63\}$ 

191)  $\frac{12}{8} = \frac{p}{4}$

 $\{6\}$ 

193)  $\frac{n}{9} = \frac{11}{5}$

 $\{19.8\}$ 

195)  $\frac{x}{9} = \frac{5}{4}$

 $\{11.25\}$ 

197)  $\frac{n}{5} = \frac{3}{4}$

 $\{3.75\}$ 

199)  $\frac{3}{10} = \frac{10}{x}$

 $\{33.33\}$ 

201)  $\frac{46}{x} = \frac{37}{36}$

 $\{44.75\}$ 

203)  $\frac{46}{k} = \frac{16}{36}$

 $\{103.5\}$ 

205)  $\frac{28}{45} = \frac{7}{x}$

 $\{11.25\}$ 

207)  $\frac{36}{m} = \frac{39}{17}$

 $\{15.69\}$ 

209)  $\frac{x}{28} = \frac{44}{18}$

 $\{68.44\}$ 

211)  $\frac{40}{n} = \frac{14}{24}$

 $\{68.57\}$ 

213)  $\frac{x}{44} = \frac{48}{40}$

 $\{52.8\}$ 

215)  $\frac{39}{n} = \frac{5}{44}$

 $\{343.2\}$ 

217)  $\frac{23}{30} = \frac{43}{x}$

 $\{56.08\}$ 

219)  $\frac{47}{m} = \frac{6}{25}$

 $\{195.83\}$ 

190)  $\frac{2}{4} = \frac{5}{m}$

 $\{10\}$ 

192)  $\frac{8x}{10} = \frac{11}{3}$

 $\{4.58\}$ 

194)  $\frac{7}{b} = \frac{3}{9}$

 $\{21\}$ 

196)  $\frac{2}{r} = \frac{10}{9}$

 $\{1.8\}$ 

198)  $\frac{2}{b} = \frac{10}{8}$

 $\{1.6\}$ 

200)  $\frac{4}{10} = \frac{2v}{3}$

 $\{0.6\}$ 

202)  $\frac{a}{50} = \frac{41}{2}$

 $\{1025\}$ 

204)  $\frac{13}{11} = \frac{50}{p}$

 $\{42.3\}$ 

206)  $\frac{3}{n} = \frac{42}{40}$

 $\{2.85\}$ 

208)  $\frac{r}{13} = \frac{49}{3}$

 $\{212.33\}$ 

210)  $\frac{29}{38} = \frac{35}{b}$

 $\{45.86\}$ 

212)  $\frac{34}{v} = \frac{44}{48}$

 $\{37.09\}$ 

214)  $\frac{a}{9} = \frac{34}{19}$

 $\{16.1\}$ 

216)  $\frac{5}{k} = \frac{16}{47}$

 $\{14.68\}$ 

218)  $\frac{42}{n} = \frac{27}{11}$

 $\{17.11\}$ 

220)  $\frac{45}{38} = \frac{15}{x}$

 $\{12.66\}$

221)  $\frac{42}{21} = \frac{p}{22}$

**{44}**

223)  $\frac{32}{16} = \frac{n}{32}$

**{64}**

225)  $\frac{x}{6} = \frac{37}{8}$

**{27.75}**

227)  $\frac{42}{r} = \frac{11}{41}$

**{156.54}**

229)  $\frac{23}{x} = \frac{13}{49}$

**{86.69}**

231)  $\frac{48}{9} = \frac{36}{x}$

**{6.75}**

233)  $\frac{3}{p} = \frac{38}{30}$

**{2.36}**

235)  $\frac{24}{34} = \frac{40}{k}$

**{56.66}**

237)  $\frac{14}{4} = \frac{39}{m}$

**{11.14}**

239)  $\frac{29}{50} = \frac{2}{r}$

**{3.44}**

241)  $\frac{v}{2} = \frac{21}{37}$

**{1.13}**

243)  $\frac{15}{17} = \frac{47}{x}$

**{53.26}**

245)  $\frac{k}{42} = \frac{41}{44}$

**{39.13}**

247)  $\frac{46}{x} = \frac{6}{38}$

**{291.33}**

249)  $\frac{17}{37} = \frac{48}{n}$

**{104.47}**

251)  $\frac{9}{28} = \frac{p}{45}$

**{14.46}**

222)  $\frac{x}{36} = \frac{37}{35}$

**{38.05}**

224)  $\frac{42}{46} = \frac{47}{46b}$

**{1.11}**

226)  $\frac{50}{n} = \frac{22}{3}$

**{6.81}**

228)  $\frac{45}{a} = \frac{37}{49}$

**{59.59}**

230)  $\frac{v}{41} = \frac{13}{33}$

**{16.15}**

232)  $\frac{19}{a} = \frac{9}{45}$

**{95}**

234)  $\frac{44}{x} = \frac{35}{48}$

**{60.34}**

236)  $\frac{40}{n} = \frac{49}{44}$

**{35.91}**

238)  $\frac{x}{47} = \frac{48}{25}$

**{90.24}**

240)  $\frac{b}{7} = \frac{38}{4}$

**{66.5}**

242)  $\frac{43}{n} = \frac{40}{11}$

**{11.82}**

244)  $\frac{30}{32} = \frac{42}{n}$

**{44.8}**

246)  $\frac{a}{28} = \frac{38}{27}$

**{39.4}**

248)  $\frac{x}{42} = \frac{2}{30}$

**{2.8}**

250)  $\frac{31}{45} = \frac{50}{m}$

**{72.58}**

252)  $\frac{5}{x} = \frac{43}{41}$

**{4.76}**

253)  $\frac{4}{n} = \frac{7}{19}$

**{10.85}**

255)  $\frac{29}{r} = \frac{18}{45}$

**{72.5}**

257)  $\frac{40}{47} = \frac{n}{3}$

**{2.55}**

259)  $\frac{36a}{49} = \frac{44}{29}$

**{2.06}**

261)  $\frac{x}{3} = \frac{42}{20}$

**{6.3}**

263)  $\frac{49}{3} = \frac{43}{k}$

**{2.63}**

265)  $\frac{10}{48} = \frac{13x}{2}$

**{0.03}**

267)  $\frac{m}{42} = \frac{23}{21}$

**{46}**

269)  $\frac{47}{48} = \frac{46}{n}$

**{46.97}**

271)  $\frac{44}{12} = \frac{b}{42}$

**{154}**

273)  $\frac{50}{23} = \frac{x}{4}$

**{8.69}**

275)  $\frac{a}{15} = \frac{41}{2}$

**{307.5}**

277)  $\frac{x}{21} = \frac{45}{28}$

**{33.75}**

279)  $\frac{16}{11} = \frac{4}{k}$

**{2.75}**

281)  $\frac{46}{3} = \frac{p}{49}$

**{751.33}**

283)  $\frac{18}{44} = \frac{42}{x}$

**{102.66}**

254)  $\frac{49}{b} = \frac{4}{15}$

**{183.75}**

256)  $\frac{33}{26} = \frac{40}{x}$

**{31.51}**

258)  $\frac{44}{9} = \frac{v}{50}$

**{244.44}**

260)  $\frac{39}{x} = \frac{23}{46}$

**{78}**

262)  $\frac{7}{a} = \frac{34}{48}$

**{9.88}**

264)  $\frac{45}{39} = \frac{17}{p}$

**{14.73}**

266)  $\frac{47}{n} = \frac{25}{27}$

**{50.76}**

268)  $\frac{38}{r} = \frac{36}{6}$

**{6.33}**

270)  $\frac{50}{x} = \frac{5}{34}$

**{340}**

272)  $\frac{v}{40} = \frac{5}{26}$

**{7.69}**

274)  $\frac{n}{46} = \frac{37}{21}$

**{81.04}**

276)  $\frac{p}{50} = \frac{25}{13}$

**{96.15}**

278)  $\frac{40}{42} = \frac{n}{36}$

**{34.28}**

280)  $\frac{4}{m} = \frac{39}{32}$

**{3.28}**

282)  $\frac{14}{38} = \frac{8}{n}$

**{21.71}**

284)  $\frac{2}{29} = \frac{b}{3}$

**{0.2}**

285)  $\frac{r}{49} = \frac{48}{44}$

$\{53.45\}$

287)  $\frac{5}{9} = \frac{7}{n}$

$\{12.6\}$

289)  $\frac{16}{47} = \frac{19}{v}$

$\{55.81\}$

291)  $\frac{x}{30} = \frac{6}{45}$

$\{4\}$

293)  $\frac{47}{k} = \frac{6}{40}$

$\{313.33\}$

295)  $\frac{50}{x} = \frac{35}{5}$

$\{7.14\}$

297)  $\frac{9}{11} = \frac{r}{7}$

$\{5.72\}$

299)  $\frac{23}{32} = \frac{46}{n}$

$\{64\}$

286)  $\frac{43}{x} = \frac{40}{13}$

$\{13.97\}$

288)  $\frac{23}{a} = \frac{19}{2}$

$\{2.42\}$

290)  $\frac{x}{43} = \frac{33}{30}$

$\{47.3\}$

292)  $\frac{n}{44} = \frac{10}{16}$

$\{27.5\}$

294)  $\frac{36}{21} = \frac{p}{42}$

$\{72\}$

296)  $\frac{50}{46} = \frac{46}{11m}$

$\{3.84\}$

298)  $\frac{5}{35} = \frac{21x}{8}$

$\{0.05\}$

300)  $\frac{17}{22} = \frac{n}{50}$

$\{38.63\}$

**Solve proportions from integers to fractions**

301)  $\frac{8}{6} = \frac{10}{x} \left\{ \frac{15}{2} \right\}$

302)  $\frac{11}{12} = \frac{2}{k} \left\{ \frac{24}{11} \right\}$

303)  $\frac{4}{5} = \frac{2}{a} \left\{ \frac{5}{2} \right\}$

304)  $\frac{4}{p} = \frac{10}{11} \left\{ \frac{22}{5} \right\}$

305)  $\frac{x}{11} = \frac{11}{4} \left\{ \frac{121}{4} \right\}$

306)  $\frac{7}{n} = \frac{11}{6} \left\{ \frac{42}{11} \right\}$

307)  $\frac{9}{10} = \frac{7}{m} \left\{ \frac{70}{9} \right\}$

308)  $\frac{4}{3} = \frac{5}{r} \left\{ \frac{15}{4} \right\}$

309)  $\frac{3}{x} = \frac{10}{12} \left\{ \frac{18}{5} \right\}$

310)  $\frac{n}{12} = \frac{8}{9} \left\{ \frac{32}{3} \right\}$

311)  $\frac{b}{11} = \frac{12}{4}$

$\{33\}$

312)  $\frac{v}{12} = \frac{6}{10} \left\{ \frac{36}{5} \right\}$

313)  $\frac{a}{12} = \frac{4}{10} \left\{ \frac{24}{5} \right\}$

314)  $\frac{2}{5} = \frac{x}{8} \left\{ \frac{16}{5} \right\}$

$$315) \frac{3}{8} = \frac{9}{n}$$

{24}

$$317) \frac{3}{12} = \frac{x}{3} \left\{ \frac{3}{4} \right\}$$

$$319) \frac{4}{5} = \frac{n}{9} \left\{ \frac{36}{5} \right\}$$

$$321) \frac{3}{9} = \frac{9}{m}$$

{27}

$$323) \frac{6}{x} = \frac{4}{11} \left\{ \frac{33}{2} \right\}$$

$$325) \frac{9}{11} = \frac{4}{n} \left\{ \frac{44}{9} \right\}$$

$$327) \frac{7}{3} = \frac{b}{11} \left\{ \frac{77}{3} \right\}$$

$$329) \frac{v}{7} = \frac{7}{10} \left\{ \frac{49}{10} \right\}$$

$$331) \frac{3}{10} = \frac{x}{5} \left\{ \frac{3}{2} \right\}$$

$$333) \frac{3}{12} = \frac{11}{p}$$

{44}

$$335) \frac{n}{8} = \frac{2}{4}$$

{4}

$$337) \frac{4}{9} = \frac{r}{12} \left\{ \frac{16}{3} \right\}$$

$$339) \frac{8}{12} = \frac{x}{8} \left\{ \frac{16}{3} \right\}$$

$$341) \frac{5}{9} = \frac{6}{b} \left\{ \frac{54}{5} \right\}$$

$$343) \frac{9}{2} = \frac{x}{5} \left\{ \frac{45}{2} \right\}$$

$$345) \frac{3}{k} = \frac{11}{2} \left\{ \frac{6}{11} \right\}$$

$$316) \frac{k}{5} = \frac{8}{4}$$

{10}

$$318) \frac{10}{x} = \frac{2}{10}$$

{50}

$$320) \frac{5}{9} = \frac{p}{4} \left\{ \frac{20}{9} \right\}$$

$$322) \frac{3}{2} = \frac{n}{6}$$

{9}

$$324) \frac{10}{m} = \frac{9}{2} \left\{ \frac{20}{9} \right\}$$

$$326) \frac{10}{x} = \frac{2}{9}$$

{45}

$$328) \frac{2r}{5} = \frac{4}{10}$$

{1}

$$330) \frac{10}{8} = \frac{x}{3} \left\{ \frac{15}{4} \right\}$$

$$332) \frac{7}{10} = \frac{5}{11a} \left\{ \frac{50}{77} \right\}$$

$$334) \frac{8}{x} = \frac{9}{6} \left\{ \frac{16}{3} \right\}$$

$$336) \frac{3}{8} = \frac{12}{k}$$

{32}

$$338) \frac{9}{m} = \frac{2}{4}$$

{18}

$$340) \frac{n}{3} = \frac{2}{9} \left\{ \frac{2}{3} \right\}$$

$$342) \frac{v}{2} = \frac{9}{7} \left\{ \frac{18}{7} \right\}$$

$$344) \frac{a}{6} = \frac{8}{7} \left\{ \frac{48}{7} \right\}$$

$$346) \frac{x}{6} = \frac{10}{3}$$

{20}

$$347) \frac{8}{2} = \frac{10}{x} \left\{ \frac{5}{2} \right\}$$

$$348) \frac{n}{9} = \frac{10}{7} \left\{ \frac{90}{7} \right\}$$

$$349) \frac{4}{8} = \frac{m}{6} \\ \{3\}$$

$$350) \frac{x}{7} = \frac{3}{6} \left\{ \frac{7}{2} \right\}$$

$$351) \frac{12}{p} = \frac{3}{7} \\ \{28\}$$

$$352) \frac{11}{2} = \frac{b}{5} \left\{ \frac{55}{2} \right\}$$

$$353) \frac{3}{8} = \frac{r}{11} \left\{ \frac{33}{8} \right\}$$

$$354) \frac{4}{7} = \frac{x}{11} \left\{ \frac{44}{7} \right\}$$

$$355) \frac{2}{8} = \frac{11}{n} \\ \{44\}$$

$$356) \frac{12}{7} = \frac{8}{b} \left\{ \frac{14}{3} \right\}$$

$$357) \frac{4}{v} = \frac{7}{2} \left\{ \frac{8}{7} \right\}$$

$$358) \frac{2}{4} = \frac{5}{x} \\ \{10\}$$

$$359) \frac{12}{x} = \frac{8}{12} \\ \{18\}$$

$$360) \frac{a}{8} = \frac{7}{2} \\ \{28\}$$

$$361) \frac{k}{3} = \frac{9}{5} \left\{ \frac{27}{5} \right\}$$

$$362) \frac{p}{7} = \frac{9}{8} \left\{ \frac{63}{8} \right\}$$

$$363) \frac{9}{8} = \frac{5n}{12} \left\{ \frac{27}{10} \right\}$$

$$364) \frac{5}{7} = \frac{x}{2} \left\{ \frac{10}{7} \right\}$$

$$365) \frac{5}{m} = \frac{8}{5} \left\{ \frac{25}{8} \right\}$$

$$366) \frac{r}{2} = \frac{8}{6} \left\{ \frac{8}{3} \right\}$$

$$367) \frac{x}{2} = \frac{3}{10} \left\{ \frac{3}{5} \right\}$$

$$368) \frac{n}{10} = \frac{10}{7} \left\{ \frac{100}{7} \right\}$$

$$369) \frac{10}{6} = \frac{b}{2} \left\{ \frac{10}{3} \right\}$$

$$370) \frac{9}{v} = \frac{10}{6} \left\{ \frac{27}{5} \right\}$$

$$371) \frac{3}{6} = \frac{n}{12} \\ \{6\}$$

$$372) \frac{7}{4} = \frac{6}{x} \left\{ \frac{24}{7} \right\}$$

$$373) \frac{10}{7} = \frac{k}{11} \left\{ \frac{110}{7} \right\}$$

$$374) \frac{6}{5} = \frac{x}{11} \left\{ \frac{66}{5} \right\}$$

$$375) \frac{4}{9} = \frac{n}{7} \left\{ \frac{28}{9} \right\}$$

$$376) \frac{12}{x} = \frac{6}{11} \\ \{22\}$$

$$377) \frac{m}{12} = \frac{8}{5} \left\{ \frac{96}{5} \right\}$$

$$378) \frac{p}{7} = \frac{4}{12} \left\{ \frac{7}{3} \right\}$$

379)  $\frac{2}{6} = \frac{x}{4} \left\{ \frac{4}{3} \right\}$

380)  $\frac{n}{12} = \frac{6}{8} \left\{ 9 \right\}$

381)  $\frac{11}{5} = \frac{b}{12} \left\{ \frac{132}{5} \right\}$

382)  $\frac{8}{6} = \frac{r}{8} \left\{ \frac{32}{3} \right\}$

383)  $\frac{3}{x} = \frac{4}{9} \left\{ \frac{27}{4} \right\}$

384)  $\frac{5}{11} = \frac{n}{7} \left\{ \frac{35}{11} \right\}$

385)  $\frac{b}{2} = \frac{5}{6} \left\{ \frac{5}{3} \right\}$

386)  $\frac{9}{12} = \frac{v}{5} \left\{ \frac{15}{4} \right\}$

387)  $\frac{7}{8} = \frac{x}{11} \left\{ \frac{77}{8} \right\}$

388)  $\frac{10}{6} = \frac{8}{x} \left\{ \frac{24}{5} \right\}$

389)  $\frac{11}{k} = \frac{3}{10} \left\{ \frac{110}{3} \right\}$

390)  $\frac{12}{3} = \frac{10}{a} \left\{ \frac{5}{2} \right\}$

391)  $\frac{p}{2} = \frac{6}{5} \left\{ \frac{12}{5} \right\}$

392)  $\frac{9}{12} = \frac{x}{6} \left\{ \frac{9}{2} \right\}$

393)  $\frac{5}{10} = \frac{n}{2} \left\{ 1 \right\}$

394)  $\frac{m}{12} = \frac{3}{5} \left\{ \frac{36}{5} \right\}$

395)  $\frac{11}{10} = \frac{x}{11} \left\{ \frac{121}{10} \right\}$

396)  $\frac{7}{b} = \frac{5}{11} \left\{ \frac{77}{5} \right\}$

397)  $\frac{9}{12} = \frac{3}{11r} \left\{ \frac{4}{11} \right\}$

398)  $\frac{6}{7n} = \frac{2}{5} \left\{ \frac{15}{7} \right\}$

399)  $\frac{5}{6} = \frac{v}{7} \left\{ \frac{35}{6} \right\}$

400)  $\frac{2}{4} = \frac{12}{x} \left\{ 24 \right\}$

**Solve proportions from integers to decimals**

401)  $\frac{m}{7} = \frac{20}{9} \left\{ \frac{140}{9} \right\}$

402)  $\frac{4}{15} = \frac{11}{r} \left\{ \frac{165}{4} \right\}$

403)  $\frac{10}{7} = \frac{18}{x} \left\{ \frac{63}{5} \right\}$

404)  $\frac{7b}{19} = \frac{9}{2} \left\{ \frac{171}{14} \right\}$

405)  $\frac{n}{11} = \frac{14}{5} \left\{ \frac{154}{5} \right\}$

406)  $\frac{4}{v} = \frac{6}{11} \left\{ \frac{22}{3} \right\}$

407)  $\frac{8}{x} = \frac{15}{8} \left\{ \frac{64}{15} \right\}$

408)  $\frac{12}{x} = \frac{15}{3} \left\{ \frac{12}{5} \right\}$



$$409) \frac{2}{8} = \frac{18}{a}$$

{72}

$$411) \frac{8}{p} = \frac{11}{17} \left\{ \frac{136}{11} \right\}$$

$$413) \frac{12}{17} = \frac{x}{4} \left\{ \frac{48}{17} \right\}$$

$$415) \frac{3}{5} = \frac{8}{x} \left\{ \frac{40}{3} \right\}$$

$$417) \frac{n}{9} = \frac{17}{2} \left\{ \frac{153}{2} \right\}$$

$$419) \frac{x}{11} = \frac{6}{18} \left\{ \frac{11}{3} \right\}$$

$$421) \frac{2}{n} = \frac{13}{6} \left\{ \frac{12}{13} \right\}$$

$$423) \frac{19}{9} = \frac{6}{a} \left\{ \frac{54}{19} \right\}$$

$$425) \frac{3}{x} = \frac{20}{15} \left\{ \frac{9}{4} \right\}$$

$$427) \frac{11}{9} = \frac{7}{p} \left\{ \frac{63}{11} \right\}$$

$$429) \frac{3}{m} = \frac{4}{14} \left\{ \frac{21}{2} \right\}$$

$$431) \frac{2}{x} = \frac{15}{4} \left\{ \frac{8}{15} \right\}$$

$$433) \frac{2}{20} = \frac{17}{n}$$

{170}

$$435) \frac{x}{5} = \frac{11}{6} \left\{ \frac{55}{6} \right\}$$

$$437) \frac{8}{v} = \frac{18}{11} \left\{ \frac{44}{9} \right\}$$

$$439) \frac{5}{p} = \frac{8}{20} \left\{ \frac{25}{2} \right\}$$

$$410) \frac{4}{16} = \frac{k}{14} \left\{ \frac{7}{2} \right\}$$

$$412) \frac{12}{9} = \frac{8}{n}$$

{6}

$$414) \frac{13}{6} = \frac{9}{r} \left\{ \frac{54}{13} \right\}$$

$$416) \frac{5}{m} = \frac{7}{3} \left\{ \frac{15}{7} \right\}$$

$$418) \frac{20}{9} = \frac{b}{6} \left\{ \frac{40}{3} \right\}$$

$$420) \frac{15}{v} = \frac{3}{10}$$

{50}

$$422) \frac{5}{k} = \frac{14}{2} \left\{ \frac{5}{7} \right\}$$

$$424) \frac{x}{20} = \frac{7}{8} \left\{ \frac{35}{2} \right\}$$

$$426) \frac{n}{19} = \frac{7}{9} \left\{ \frac{133}{9} \right\}$$

$$428) \frac{19}{5} = \frac{3}{x} \left\{ \frac{15}{19} \right\}$$

$$430) \frac{8}{20} = \frac{n}{8} \left\{ \frac{16}{5} \right\}$$

$$432) \frac{r}{20} = \frac{19}{15} \left\{ \frac{76}{3} \right\}$$

$$434) \frac{m}{4} = \frac{3}{6}$$

{2}

$$436) \frac{12}{20} = \frac{x}{6} \left\{ \frac{18}{5} \right\}$$

$$438) \frac{2}{19} = \frac{5a}{7} \left\{ \frac{14}{95} \right\}$$

$$440) \frac{5}{6} = \frac{k}{17} \left\{ \frac{85}{6} \right\}$$

441)  $\frac{3}{16} = \frac{2}{x} \left\{ \frac{32}{3} \right\}$

442)  $\frac{18}{17} = \frac{n}{11} \left\{ \frac{198}{17} \right\}$

443)  $\frac{6}{4} = \frac{m}{2}$   
{3}

444)  $\frac{10}{r} = \frac{11}{18} \left\{ \frac{180}{11} \right\}$

445)  $\frac{18}{13} = \frac{5}{2x} \left\{ \frac{65}{36} \right\}$

446)  $\frac{18}{19} = \frac{n}{20} \left\{ \frac{360}{19} \right\}$

447)  $\frac{14}{4} = \frac{3}{b} \left\{ \frac{6}{7} \right\}$

448)  $\frac{9}{19} = \frac{19}{v} \left\{ \frac{361}{9} \right\}$

449)  $\frac{x}{14} = \frac{3}{15} \left\{ \frac{14}{5} \right\}$

450)  $\frac{9}{10} = \frac{n}{19} \left\{ \frac{171}{10} \right\}$

451)  $\frac{13}{a} = \frac{4}{3} \left\{ \frac{39}{4} \right\}$

452)  $\frac{k}{8} = \frac{20}{11} \left\{ \frac{160}{11} \right\}$

453)  $\frac{x}{20} = \frac{19}{10}$   
{38}

454)  $\frac{6}{3} = \frac{16}{x}$   
{8}

455)  $\frac{n}{2} = \frac{16}{15} \left\{ \frac{32}{15} \right\}$

456)  $\frac{20}{4} = \frac{m}{17}$   
{85}

457)  $\frac{p}{16} = \frac{13}{10} \left\{ \frac{104}{5} \right\}$

458)  $\frac{9}{10} = \frac{8}{x} \left\{ \frac{80}{9} \right\}$

459)  $\frac{11}{n} = \frac{16}{17} \left\{ \frac{187}{16} \right\}$

460)  $\frac{12}{3} = \frac{m}{7}$   
{28}

461)  $\frac{5}{16} = \frac{x}{13} \left\{ \frac{65}{16} \right\}$

462)  $\frac{n}{17} = \frac{7}{3} \left\{ \frac{119}{3} \right\}$

463)  $\frac{2}{16} = \frac{14}{b}$   
{112}

464)  $\frac{6}{17} = \frac{2}{r} \left\{ \frac{17}{3} \right\}$

465)  $\frac{18}{8} = \frac{v}{11} \left\{ \frac{99}{4} \right\}$

466)  $\frac{x}{18} = \frac{10}{2}$   
{90}

467)  $\frac{14}{3} = \frac{x}{14} \left\{ \frac{196}{3} \right\}$

468)  $\frac{a}{14} = \frac{5}{4} \left\{ \frac{35}{2} \right\}$

469)  $\frac{4}{13} = \frac{p}{15} \left\{ \frac{60}{13} \right\}$

470)  $\frac{20}{19} = \frac{19}{x} \left\{ \frac{361}{20} \right\}$

471)  $\frac{14}{13} = \frac{n}{15} \left\{ \frac{210}{13} \right\}$

472)  $\frac{9}{10} = \frac{19}{m} \left\{ \frac{190}{9} \right\}$

$$473) \frac{4}{13} = \frac{15}{r} \left\{ \frac{195}{4} \right\}$$

$$474) \frac{x}{8} = \frac{11}{10} \left\{ \frac{44}{5} \right\}$$

$$475) \frac{4}{n} = \frac{5}{16} \left\{ \frac{64}{5} \right\}$$

$$476) \frac{19}{7} = \frac{12b}{19} \left\{ \frac{361}{84} \right\}$$

$$477) \frac{16}{6} = \frac{v}{2} \left\{ \frac{16}{3} \right\}$$

$$478) \frac{14}{20} = \frac{18}{12x} \left\{ \frac{15}{7} \right\}$$

$$479) \frac{15}{13} = \frac{16}{n} \left\{ \frac{208}{15} \right\}$$

$$480) \frac{k}{12} = \frac{17}{16} \left\{ \frac{51}{4} \right\}$$

$$481) \frac{16}{a} = \frac{2}{13}$$

$$482) \frac{7}{11} = \frac{x}{13} \left\{ \frac{91}{11} \right\}$$

{104}

$$483) \frac{17}{20} = \frac{x}{2} \left\{ \frac{17}{10} \right\}$$

$$484) \frac{13}{12} = \frac{n}{5} \left\{ \frac{65}{12} \right\}$$

$$485) \frac{m}{9} = \frac{6}{14} \left\{ \frac{27}{7} \right\}$$

$$486) \frac{16}{13} = \frac{p}{14} \left\{ \frac{224}{13} \right\}$$

$$487) \frac{n}{15} = \frac{14}{2}$$

$$488) \frac{x}{11} = \frac{10}{8} \left\{ \frac{55}{4} \right\}$$

{105}

$$489) \frac{17}{10} = \frac{10}{b} \left\{ \frac{100}{17} \right\}$$

$$490) \frac{3}{5} = \frac{14}{r} \left\{ \frac{70}{3} \right\}$$

$$491) \frac{18}{x} = \frac{6}{10}$$

$$492) \frac{12}{4} = \frac{15}{n}$$

{30}

{5}

$$493) \frac{11}{6} = \frac{b}{19} \left\{ \frac{209}{6} \right\}$$

$$494) \frac{v}{15} = \frac{15}{14} \left\{ \frac{225}{14} \right\}$$

$$495) \frac{8}{18} = \frac{11}{x} \left\{ \frac{99}{4} \right\}$$

$$496) \frac{15}{13} = \frac{7}{x} \left\{ \frac{91}{15} \right\}$$

$$497) \frac{13}{8} = \frac{4}{k} \left\{ \frac{32}{13} \right\}$$

$$498) \frac{6}{11} = \frac{9}{a} \left\{ \frac{33}{2} \right\}$$

$$499) \frac{p}{12} = \frac{7}{11} \left\{ \frac{84}{11} \right\}$$

$$500) \frac{x}{8} = \frac{2}{5} \left\{ \frac{16}{5} \right\}$$

$$501) \frac{49}{11} = \frac{k}{45} \left\{ \frac{2205}{11} \right\}$$

$$502) \frac{p}{13} = \frac{40}{26}$$

{20}

$$503) \frac{36}{x} = \frac{40}{10}$$

$$504) \frac{31}{37} = \frac{n}{24} \left\{ \frac{744}{37} \right\}$$

{9}

$$505) \frac{m}{44} = \frac{20}{19} \left\{ \frac{880}{19} \right\}$$

$$506) \frac{30}{13} = \frac{x}{35} \left\{ \frac{1050}{13} \right\}$$

$$507) \frac{46}{16} = \frac{40}{p} \left\{ \frac{320}{23} \right\}$$

$$508) \frac{26}{n} = \frac{27}{48} \left\{ \frac{416}{9} \right\}$$

$$509) \frac{42}{44} = \frac{41}{b} \left\{ \frac{902}{21} \right\}$$

$$510) \frac{47}{n} = \frac{17}{48} \left\{ \frac{2256}{17} \right\}$$

$$511) \frac{12}{3} = \frac{34}{x} \left\{ \frac{17}{2} \right\}$$

$$512) \frac{39}{r} = \frac{38}{37} \left\{ \frac{1443}{38} \right\}$$

$$513) \frac{14}{43} = \frac{11}{a} \left\{ \frac{473}{14} \right\}$$

$$514) \frac{x}{22} = \frac{34}{43} \left\{ \frac{748}{43} \right\}$$

$$515) \frac{47}{x} = \frac{8}{18} \left\{ \frac{423}{4} \right\}$$

$$516) \frac{29}{38} = \frac{7}{v} \left\{ \frac{266}{29} \right\}$$

$$517) \frac{29}{4} = \frac{42}{32n} \left\{ \frac{21}{116} \right\}$$

$$518) \frac{k}{28} = \frac{37}{19} \left\{ \frac{1036}{19} \right\}$$

$$519) \frac{33}{p} = \frac{7}{24} \left\{ \frac{792}{7} \right\}$$

$$520) \frac{30}{39} = \frac{46}{x} \left\{ \frac{299}{5} \right\}$$

$$521) \frac{n}{41} = \frac{35}{45} \left\{ \frac{287}{9} \right\}$$

$$522) \frac{m}{49} = \frac{37}{9} \left\{ \frac{1813}{9} \right\}$$

$$523) \frac{50}{r} = \frac{6}{45} \\ \left\{ 375 \right\}$$

$$524) \frac{45}{23} = \frac{9x}{20} \left\{ \frac{100}{23} \right\}$$

$$525) \frac{16}{46} = \frac{v}{49} \left\{ \frac{392}{23} \right\}$$

$$526) \frac{31}{20} = \frac{36}{b} \left\{ \frac{720}{31} \right\}$$

$$527) \frac{5}{n} = \frac{35}{41} \left\{ \frac{41}{7} \right\}$$

$$528) \frac{40}{7} = \frac{n}{26} \left\{ \frac{1040}{7} \right\}$$

$$529) \frac{30}{x} = \frac{11}{45} \left\{ \frac{1350}{11} \right\}$$

$$530) \frac{k}{49} = \frac{36}{10} \left\{ \frac{882}{5} \right\}$$

$$531) \frac{22}{a} = \frac{33}{35} \left\{ \frac{70}{3} \right\}$$

$$532) \frac{44}{p} = \frac{19}{33} \left\{ \frac{1452}{19} \right\}$$

$$533) \frac{n}{35} = \frac{43}{12} \left\{ \frac{1505}{12} \right\}$$

$$534) \frac{46}{39} = \frac{47}{x} \left\{ \frac{1833}{46} \right\}$$

$$535) \frac{m}{7} = \frac{48}{27} \left\{ \frac{112}{9} \right\}$$

$$536) \frac{17}{x} = \frac{3}{38} \left\{ \frac{646}{3} \right\}$$

$$537) \frac{2}{n} = \frac{29}{14} \left\{ \frac{28}{29} \right\}$$

$$538) \frac{43}{p} = \frac{23}{3} \left\{ \frac{129}{23} \right\}$$

$$539) \frac{49}{28} = \frac{47}{b} \left\{ \frac{188}{7} \right\}$$

$$540) \frac{14}{24} = \frac{42}{r} \\ \{72\}$$

$$541) \frac{n}{25} = \frac{34}{18} \left\{ \frac{425}{9} \right\}$$

$$542) \frac{46}{a} = \frac{39}{30} \left\{ \frac{460}{13} \right\}$$

$$543) \frac{20}{x} = \frac{28}{38} \left\{ \frac{190}{7} \right\}$$

$$544) \frac{45}{4} = \frac{v}{42} \left\{ \frac{945}{2} \right\}$$

$$545) \frac{30}{2} = \frac{n}{46} \\ \{690\}$$

$$546) \frac{41}{x} = \frac{50}{37} \left\{ \frac{1517}{50} \right\}$$

$$547) \frac{15}{50} = \frac{5}{x} \left\{ \frac{50}{3} \right\}$$

$$548) \frac{36}{p} = \frac{41}{11} \left\{ \frac{396}{41} \right\}$$

$$549) \frac{x}{50} = \frac{26}{5} \\ \{260\}$$

$$550) \frac{k}{15} = \frac{41}{26} \left\{ \frac{615}{26} \right\}$$

$$551) \frac{n}{22} = \frac{45}{20} \left\{ \frac{99}{2} \right\}$$

$$552) \frac{3}{r} = \frac{31}{32} \left\{ \frac{96}{31} \right\}$$

$$553) \frac{x}{49} = \frac{28}{46} \left\{ \frac{686}{23} \right\}$$

$$554) \frac{16}{40} = \frac{18}{m} \\ \{45\}$$

$$555) \frac{n}{43} = \frac{44}{42} \left\{ \frac{946}{21} \right\}$$

$$556) \frac{39}{7} = \frac{b}{39} \left\{ \frac{1521}{7} \right\}$$

$$557) \frac{3}{21} = \frac{v}{3} \left\{ \frac{3}{7} \right\}$$

$$558) \frac{32}{13} = \frac{43}{n} \left\{ \frac{559}{32} \right\}$$

$$559) \frac{18}{10} = \frac{49x}{48} \left\{ \frac{432}{245} \right\}$$

$$560) \frac{k}{24} = \frac{2}{44} \left\{ \frac{12}{11} \right\}$$

$$561) \frac{9}{47} = \frac{a}{39} \left\{ \frac{351}{47} \right\}$$

$$562) \frac{47}{8} = \frac{p}{20} \left\{ \frac{235}{2} \right\}$$

$$563) \frac{23}{16} = \frac{43}{x} \left\{ \frac{688}{23} \right\}$$

$$564) \frac{30}{19} = \frac{n}{38} \\ \{60\}$$

$$565) \frac{34}{47} = \frac{m}{26} \left\{ \frac{884}{47} \right\}$$

$$566) \frac{40}{48} = \frac{r}{47} \left\{ \frac{235}{6} \right\}$$

$$567) \frac{x}{42} = \frac{37}{45} \left\{ \frac{518}{15} \right\}$$

$$568) \frac{n}{10} = \frac{37}{9} \left\{ \frac{370}{9} \right\}$$

$$569) \frac{r}{46} = \frac{11}{39} \left\{ \frac{506}{39} \right\}$$

$$570) \frac{50}{24} = \frac{b}{47} \left\{ \frac{1175}{12} \right\}$$

$$571) \frac{50}{4} = \frac{21}{n} \left\{ \frac{42}{25} \right\}$$

$$572) \frac{7}{x} = \frac{35}{41} \left\{ \frac{41}{5} \right\}$$

$$573) \frac{14}{18} = \frac{50}{a} \left\{ \frac{450}{7} \right\}$$

$$574) \frac{45}{11} = \frac{v}{14} \left\{ \frac{630}{11} \right\}$$

$$575) \frac{40}{26} = \frac{x}{28} \left\{ \frac{560}{13} \right\}$$

$$576) \frac{24}{40} = \frac{x}{4} \left\{ \frac{12}{5} \right\}$$

$$577) \frac{38}{37} = \frac{n}{49} \left\{ \frac{1862}{37} \right\}$$

$$578) \frac{44}{k} = \frac{8}{34}$$

$$\left\{ \frac{187}{1} \right\}$$

$$579) \frac{16}{40} = \frac{49}{p} \left\{ \frac{245}{2} \right\}$$

$$580) \frac{n}{9} = \frac{48}{27}$$

$$\left\{ \frac{16}{1} \right\}$$

$$581) \frac{x}{3} = \frac{45}{12} \left\{ \frac{45}{4} \right\}$$

$$582) \frac{44}{m} = \frac{42}{5} \left\{ \frac{110}{21} \right\}$$

$$583) \frac{17}{48} = \frac{12}{n} \left\{ \frac{576}{17} \right\}$$

$$584) \frac{39}{19r} = \frac{24}{38} \left\{ \frac{13}{4} \right\}$$

$$585) \frac{3}{2} = \frac{15}{x}$$

$$\left\{ \frac{10}{1} \right\}$$

$$586) \frac{b}{43} = \frac{26}{14} \left\{ \frac{559}{7} \right\}$$

$$587) \frac{v}{6} = \frac{22}{28} \left\{ \frac{33}{7} \right\}$$

$$588) \frac{x}{43} = \frac{36}{8} \left\{ \frac{387}{2} \right\}$$

$$589) \frac{47}{8} = \frac{n}{32}$$

$$\left\{ \frac{188}{1} \right\}$$

$$590) \frac{11}{4} = \frac{42}{47a} \left\{ \frac{168}{517} \right\}$$

$$591) \frac{19}{43} = \frac{5}{k} \left\{ \frac{215}{19} \right\}$$

$$592) \frac{47}{7} = \frac{33}{p} \left\{ \frac{231}{47} \right\}$$

$$593) \frac{3}{30} = \frac{x}{46} \left\{ \frac{23}{5} \right\}$$

$$594) \frac{n}{17} = \frac{41}{45} \left\{ \frac{697}{45} \right\}$$

$$595) \frac{10}{6} = \frac{r}{50} \left\{ \frac{250}{3} \right\}$$

$$596) \frac{9}{5} = \frac{13}{m} \left\{ \frac{65}{9} \right\}$$

$$597) \frac{24}{20} = \frac{x}{45}$$

$$\left\{ \frac{54}{1} \right\}$$

$$598) \frac{b}{34} = \frac{4}{31} \left\{ \frac{136}{31} \right\}$$

$$599) \frac{r}{49} = \frac{30}{46} \left\{ \frac{735}{23} \right\}$$

$$600) \frac{35}{41} = \frac{20}{n} \left\{ \frac{164}{7} \right\}$$