

Checking for a proportion

State if each pair of ratios forms a proportion.

1) $\frac{12}{25}$ and $\frac{3}{5}$

2) $\frac{21}{25}$ and $\frac{3}{5}$

3) $\frac{20}{30}$ and $\frac{4}{5}$

4) $\frac{4}{6}$ and $\frac{12}{24}$

5) $\frac{24}{30}$ and $\frac{4}{6}$

6) $\frac{20}{24}$ and $\frac{5}{6}$

7) $\frac{6}{10}$ and $\frac{3}{5}$

8) $\frac{6}{3}$ and $\frac{18}{9}$

9) $\frac{12}{9}$ and $\frac{4}{3}$

10) $\frac{5}{4}$ and $\frac{25}{20}$

11) $\frac{4}{3}$ and $\frac{8}{6}$

12) $\frac{30}{24}$ and $\frac{5}{4}$

13) $\frac{12}{8}$ and $\frac{6}{4}$

14) $\frac{30}{20}$ and $\frac{6}{4}$

15) $\frac{3}{5}$ and $\frac{18}{30}$

16) $\frac{21}{30}$ and $\frac{3}{5}$

17) $\frac{4}{5}$ and $\frac{24}{20}$

18) $\frac{4}{5}$ and $\frac{16}{25}$

19) $\frac{4}{5}$ and $\frac{24}{25}$

20) $\frac{12}{8}$ and $\frac{3}{4}$

21) $\frac{15}{30}$ and $\frac{5}{6}$

22) $\frac{6}{5}$ and $\frac{12}{20}$

23) $\frac{25}{12}$ and $\frac{5}{3}$

24) $\frac{28}{36}$ and $\frac{4}{6}$

25) $\frac{3}{6}$ and $\frac{9}{24}$

26) $\frac{12}{18}$ and $\frac{3}{6}$

27) $\frac{20}{9}$ and $\frac{4}{3}$

28) $\frac{8}{12}$ and $\frac{4}{3}$

29) $\frac{15}{6}$ and $\frac{5}{3}$

30) $\frac{5}{3}$ and $\frac{10}{9}$

31) $\frac{5}{3}$ and $\frac{15}{9}$

32) $\frac{6}{3}$ and $\frac{36}{18}$

33) $\frac{36}{24}$ and $\frac{6}{4}$

34) $\frac{6}{8}$ and $\frac{3}{4}$

35) $\frac{3}{4}$ and $\frac{15}{20}$

36) $\frac{24}{30}$ and $\frac{4}{5}$

37) $\frac{6}{5}$ and $\frac{36}{30}$

38) $\frac{10}{6}$ and $\frac{5}{3}$

39) $\frac{30}{25}$ and $\frac{6}{5}$

40) $\frac{18}{15}$ and $\frac{6}{5}$

41) $\frac{3}{6}$ and $\frac{12}{24}$

42) $\frac{3}{6}$ and $\frac{12}{30}$

43) $\frac{20}{18}$ and $\frac{4}{6}$

44) $\frac{5}{6}$ and $\frac{25}{18}$

45) $\frac{5}{3}$ and $\frac{20}{15}$

46) $\frac{5}{3}$ and $\frac{10}{12}$

47) $\frac{6}{3}$ and $\frac{24}{6}$

48) $\frac{18}{6}$ and $\frac{6}{3}$

49) $\frac{16}{18}$ and $\frac{4}{3}$

50) $\frac{6}{18}$ and $\frac{3}{6}$

51) $\frac{18}{32}$ and $\frac{3}{4}$

52) $\frac{6}{3}$ and $\frac{48}{18}$

53) $\frac{5}{6}$ and $\frac{10}{18}$

54) $\frac{35}{20}$ and $\frac{5}{4}$

55) $\frac{30}{28}$ and $\frac{5}{4}$

56) $\frac{36}{28}$ and $\frac{6}{4}$

57) $\frac{24}{20}$ and $\frac{6}{5}$

58) $\frac{3}{5}$ and $\frac{15}{25}$

59) $\frac{16}{20}$ and $\frac{4}{5}$

60) $\frac{4}{6}$ and $\frac{16}{24}$

61) $\frac{15}{18}$ and $\frac{5}{6}$

62) $\frac{4}{3}$ and $\frac{16}{12}$

63) $\frac{18}{36}$ and $\frac{3}{6}$

64) $\frac{12}{6}$ and $\frac{6}{3}$

65) $\frac{24}{12}$ and $\frac{6}{3}$

66) $\frac{3}{6}$ and $\frac{15}{30}$

67) $\frac{24}{15}$ and $\frac{4}{3}$

68) $\frac{4}{3}$ and $\frac{28}{18}$

69) $\frac{20}{8}$ and $\frac{5}{4}$

70) $\frac{10}{16}$ and $\frac{5}{4}$

71) $\frac{6}{4}$ and $\frac{36}{20}$

72) $\frac{6}{4}$ and $\frac{42}{24}$

73) $\frac{6}{4}$ and $\frac{36}{32}$

74) $\frac{3}{4}$ and $\frac{18}{28}$

75) $\frac{18}{25}$ and $\frac{3}{5}$

76) $\frac{20}{35}$ and $\frac{4}{5}$

77) $\frac{16}{15}$ and $\frac{4}{5}$

78) $\frac{4}{5}$ and $\frac{24}{35}$

79) $\frac{3}{4}$ and $\frac{21}{24}$

80) $\frac{6}{3}$ and $\frac{36}{21}$

81) $\frac{3}{6}$ and $\frac{9}{18}$

82) $\frac{4}{6}$ and $\frac{8}{12}$

83) $\frac{5}{3}$ and $\frac{30}{18}$

84) $\frac{3}{4}$ and $\frac{18}{24}$

85) $\frac{8}{10}$ and $\frac{4}{5}$

86) $\frac{12}{16}$ and $\frac{3}{4}$

87) $\frac{3}{6}$ and $\frac{18}{42}$

88) $\frac{30}{15}$ and $\frac{6}{5}$

89) $\frac{30}{12}$ and $\frac{5}{3}$

90) $\frac{36}{20}$ and $\frac{6}{5}$

91) $\frac{30}{20}$ and $\frac{6}{5}$

92) $\frac{15}{20}$ and $\frac{3}{5}$

93) $\frac{3}{6}$ and $\frac{21}{30}$

94) $\frac{3}{6}$ and $\frac{9}{30}$

95) $\frac{4}{6}$ and $\frac{20}{24}$

96) $\frac{30}{24}$ and $\frac{5}{6}$

97) $\frac{6}{3}$ and $\frac{30}{9}$

98) $\frac{6}{3}$ and $\frac{36}{24}$

99) $\frac{12}{20}$ and $\frac{3}{5}$

100) $\frac{4}{5}$ and $\frac{20}{25}$

101) $\frac{6}{7}$ and $\frac{24}{28}$

102) $\frac{14}{40}$ and $\frac{7}{10}$

103) $\frac{81}{110}$ and $\frac{9}{10}$

104) $\frac{54}{80}$ and $\frac{6}{10}$

105) $\frac{8}{7}$ and $\frac{72}{77}$

106) $\frac{24}{30}$ and $\frac{8}{6}$

107) $\frac{10}{36}$ and $\frac{5}{9}$

108) $\frac{50}{81}$ and $\frac{5}{9}$

109) $\frac{48}{40}$ and $\frac{8}{5}$

110) $\frac{10}{5}$ and $\frac{70}{25}$

111) $\frac{10}{7}$ and $\frac{40}{21}$

112) $\frac{8}{7}$ and $\frac{32}{35}$

113) $\frac{9}{10}$ and $\frac{72}{100}$

114) $\frac{48}{60}$ and $\frac{6}{10}$

115) $\frac{30}{40}$ and $\frac{6}{10}$

116) $\frac{16}{24}$ and $\frac{8}{6}$

117) $\frac{5}{6}$ and $\frac{45}{66}$

118) $\frac{5}{8}$ and $\frac{35}{56}$

119) $\frac{30}{15}$ and $\frac{10}{5}$

120) $\frac{40}{45}$ and $\frac{8}{9}$

121) $\frac{70}{60}$ and $\frac{7}{6}$

122) $\frac{24}{21}$ and $\frac{8}{7}$

123) $\frac{63}{49}$ and $\frac{9}{7}$

124) $\frac{40}{36}$ and $\frac{10}{9}$

125) $\frac{6}{10}$ and $\frac{12}{20}$

126) $\frac{9}{10}$ and $\frac{90}{100}$

127) $\frac{72}{48}$ and $\frac{9}{6}$

128) $\frac{25}{30}$ and $\frac{5}{6}$

129) $\frac{10}{5}$ and $\frac{50}{25}$

130) $\frac{5}{6}$ and $\frac{40}{48}$

131) $\frac{7}{5}$ and $\frac{49}{35}$

132) $\frac{8}{6}$ and $\frac{16}{12}$

133) $\frac{8}{10}$ and $\frac{40}{60}$

134) $\frac{50}{21}$ and $\frac{10}{7}$

135) $\frac{54}{99}$ and $\frac{6}{9}$

136) $\frac{63}{72}$ and $\frac{7}{9}$

137) $\frac{9}{10}$ and $\frac{72}{60}$

138) $\frac{5}{6}$ and $\frac{20}{36}$

139) $\frac{40}{14}$ and $\frac{10}{7}$

140) $\frac{6}{5}$ and $\frac{72}{50}$

141) $\frac{45}{56}$ and $\frac{5}{8}$

142) $\frac{54}{35}$ and $\frac{9}{5}$

143) $\frac{7}{5}$ and $\frac{21}{20}$

144) $\frac{10}{7}$ and $\frac{120}{70}$

145) $\frac{10}{7}$ and $\frac{90}{77}$

146) $\frac{7}{9}$ and $\frac{56}{63}$

147) $\frac{28}{15}$ and $\frac{7}{5}$

148) $\frac{27}{30}$ and $\frac{9}{10}$

149) $\frac{10}{5}$ and $\frac{80}{40}$

150) $\frac{8}{6}$ and $\frac{56}{42}$

151) $\frac{54}{48}$ and $\frac{9}{8}$

152) $\frac{20}{32}$ and $\frac{5}{8}$

153) $\frac{16}{20}$ and $\frac{8}{10}$

154) $\frac{8}{5}$ and $\frac{64}{40}$

155) $\frac{70}{49}$ and $\frac{10}{7}$

156) $\frac{80}{72}$ and $\frac{10}{9}$

157) $\frac{7}{9}$ and $\frac{21}{27}$

158) $\frac{10}{9}$ and $\frac{100}{90}$

159) $\frac{6}{9}$ and $\frac{48}{72}$

160) $\frac{24}{20}$ and $\frac{6}{5}$

161) $\frac{9}{6}$ and $\frac{45}{30}$

162) $\frac{5}{8}$ and $\frac{10}{16}$

163) $\frac{6}{8}$ and $\frac{60}{72}$

164) $\frac{8}{10}$ and $\frac{72}{80}$

165) $\frac{45}{100}$ and $\frac{5}{10}$

166) $\frac{15}{35}$ and $\frac{5}{7}$

167) $\frac{8}{9}$ and $\frac{56}{45}$

168) $\frac{50}{36}$ and $\frac{10}{9}$

169) $\frac{10}{9}$ and $\frac{80}{54}$

170) $\frac{6}{9}$ and $\frac{30}{36}$

171) $\frac{27}{20}$ and $\frac{9}{5}$

172) $\frac{90}{72}$ and $\frac{9}{6}$

173) $\frac{54}{56}$ and $\frac{6}{8}$

174) $\frac{10}{9}$ and $\frac{120}{90}$

175) $\frac{8}{10}$ and $\frac{32}{50}$

176) $\frac{5}{10}$ and $\frac{10}{40}$

177) $\frac{24}{45}$ and $\frac{8}{9}$

178) $\frac{10}{7}$ and $\frac{70}{56}$

179) $\frac{10}{9}$ and $\frac{50}{45}$

180) $\frac{18}{27}$ and $\frac{6}{9}$

181) $\frac{10}{9}$ and $\frac{90}{81}$

182) $\frac{9}{5}$ and $\frac{72}{40}$

183) $\frac{7}{8}$ and $\frac{42}{48}$

184) $\frac{18}{16}$ and $\frac{9}{8}$

185) $\frac{5}{10}$ and $\frac{45}{90}$

186) $\frac{7}{10}$ and $\frac{56}{80}$

187) $\frac{40}{30}$ and $\frac{8}{6}$

188) $\frac{10}{7}$ and $\frac{30}{21}$

189) $\frac{7}{9}$ and $\frac{14}{18}$

190) $\frac{7}{9}$ and $\frac{63}{81}$

191) $\frac{30}{25}$ and $\frac{6}{5}$

192) $\frac{6}{5}$ and $\frac{18}{25}$

193) $\frac{9}{8}$ and $\frac{90}{72}$

194) $\frac{5}{8}$ and $\frac{50}{64}$

195) $\frac{5}{10}$ and $\frac{30}{80}$

196) $\frac{30}{12}$ and $\frac{10}{6}$

197) $\frac{55}{54}$ and $\frac{5}{6}$

198) $\frac{7}{9}$ and $\frac{49}{81}$

199) $\frac{6}{7}$ and $\frac{42}{63}$

200) $\frac{10}{9}$ and $\frac{50}{27}$

201) $\frac{42}{55}$ and $\frac{14}{11}$

202) $\frac{77}{104}$ and $\frac{11}{13}$

203) $\frac{105}{154}$ and $\frac{7}{11}$

204) $\frac{154}{192}$ and $\frac{11}{12}$

205) $\frac{9}{7}$ and $\frac{90}{70}$

206) $\frac{9}{12}$ and $\frac{36}{48}$

207) $\frac{8}{12}$ and $\frac{48}{96}$

208) $\frac{52}{48}$ and $\frac{13}{12}$

209) $\frac{100}{130}$ and $\frac{10}{13}$

210) $\frac{28}{26}$ and $\frac{14}{13}$

211) $\frac{20}{26}$ and $\frac{10}{13}$

212) $\frac{7}{13}$ and $\frac{56}{104}$

213) $\frac{143}{169}$ and $\frac{11}{13}$

214) $\frac{40}{65}$ and $\frac{8}{13}$

215) $\frac{12}{14}$ and $\frac{72}{84}$

216) $\frac{13}{14}$ and $\frac{39}{42}$

217) $\frac{8}{14}$ and $\frac{88}{154}$

218) $\frac{72}{112}$ and $\frac{9}{14}$

219) $\frac{140}{130}$ and $\frac{14}{13}$

220) $\frac{10}{14}$ and $\frac{140}{196}$

221) $\frac{84}{42}$ and $\frac{14}{7}$

222) $\frac{154}{84}$ and $\frac{11}{7}$

223) $\frac{91}{66}$ and $\frac{13}{11}$

224) $\frac{12}{7}$ and $\frac{48}{35}$

225) $\frac{8}{7}$ and $\frac{96}{70}$

226) $\frac{12}{7}$ and $\frac{144}{70}$

227) $\frac{9}{8}$ and $\frac{18}{24}$

228) $\frac{104}{80}$ and $\frac{13}{8}$

229) $\frac{150}{104}$ and $\frac{10}{8}$

230) $\frac{14}{8}$ and $\frac{196}{104}$

231) $\frac{10}{8}$ and $\frac{60}{56}$

232) $\frac{7}{8}$ and $\frac{77}{104}$

233) $\frac{33}{36}$ and $\frac{11}{9}$

234) $\frac{24}{36}$ and $\frac{8}{9}$

235) $\frac{132}{81}$ and $\frac{12}{9}$

236) $\frac{128}{126}$ and $\frac{8}{9}$

237) $\frac{78}{54}$ and $\frac{13}{9}$

238) $\frac{11}{9}$ and $\frac{154}{126}$

239) $\frac{168}{120}$ and $\frac{14}{10}$

240) $\frac{27}{21}$ and $\frac{9}{7}$

241) $\frac{35}{50}$ and $\frac{7}{10}$

242) $\frac{110}{100}$ and $\frac{11}{10}$

243) $\frac{7}{10}$ and $\frac{14}{20}$

244) $\frac{12}{11}$ and $\frac{96}{88}$

245) $\frac{8}{11}$ and $\frac{64}{88}$

246) $\frac{169}{143}$ and $\frac{13}{11}$

247) $\frac{9}{11}$ and $\frac{54}{66}$

248) $\frac{13}{11}$ and $\frac{143}{121}$

249) $\frac{10}{11}$ and $\frac{110}{121}$

250) $\frac{56}{48}$ and $\frac{14}{12}$

251) $\frac{99}{108}$ and $\frac{11}{12}$

252) $\frac{105}{168}$ and $\frac{7}{12}$

253) $\frac{56}{96}$ and $\frac{8}{12}$

254) $\frac{77}{156}$ and $\frac{7}{13}$

255) $\frac{14}{10}$ and $\frac{196}{120}$

256) $\frac{9}{13}$ and $\frac{126}{156}$

257) $\frac{9}{13}$ and $\frac{99}{130}$

258) $\frac{14}{13}$ and $\frac{42}{26}$

259) $\frac{30}{65}$ and $\frac{10}{13}$

260) $\frac{63}{104}$ and $\frac{7}{13}$

261) $\frac{11}{14}$ and $\frac{154}{182}$

262) $\frac{7}{14}$ and $\frac{42}{112}$

263) $\frac{12}{14}$ and $\frac{72}{112}$

264) $\frac{8}{14}$ and $\frac{96}{154}$

265) $\frac{52}{70}$ and $\frac{13}{14}$

266) $\frac{81}{154}$ and $\frac{9}{14}$

267) $\frac{13}{7}$ and $\frac{117}{63}$

268) $\frac{10}{7}$ and $\frac{140}{98}$

269) $\frac{98}{49}$ and $\frac{14}{7}$

270) $\frac{132}{84}$ and $\frac{11}{7}$

271) $\frac{77}{63}$ and $\frac{11}{9}$

272) $\frac{12}{7}$ and $\frac{60}{35}$

273) $\frac{12}{8}$ and $\frac{120}{80}$

274) $\frac{9}{8}$ and $\frac{27}{24}$

275) $\frac{13}{8}$ and $\frac{104}{64}$

276) $\frac{130}{104}$ and $\frac{10}{8}$

277) $\frac{196}{126}$ and $\frac{14}{9}$

278) $\frac{10}{9}$ and $\frac{60}{54}$

279) $\frac{7}{9}$ and $\frac{77}{99}$

280) $\frac{44}{36}$ and $\frac{11}{9}$

281) $\frac{8}{9}$ and $\frac{32}{45}$

282) $\frac{128}{140}$ and $\frac{8}{10}$

283) $\frac{91}{80}$ and $\frac{13}{10}$

284) $\frac{63}{90}$ and $\frac{9}{10}$

285) $\frac{8}{13}$ and $\frac{40}{39}$

286) $\frac{14}{10}$ and $\frac{70}{60}$

287) $\frac{140}{110}$ and $\frac{14}{10}$

288) $\frac{7}{11}$ and $\frac{21}{55}$

289) $\frac{96}{99}$ and $\frac{12}{11}$

290) $\frac{8}{11}$ and $\frac{80}{88}$

291) $\frac{12}{11}$ and $\frac{192}{154}$

292) $\frac{9}{11}$ and $\frac{54}{77}$

293) $\frac{13}{12}$ and $\frac{143}{144}$

294) $\frac{120}{144}$ and $\frac{10}{12}$

295) $\frac{90}{108}$ and $\frac{10}{12}$

296) $\frac{7}{12}$ and $\frac{14}{24}$

297) $\frac{11}{12}$ and $\frac{22}{24}$

298) $\frac{56}{91}$ and $\frac{8}{13}$

299) $\frac{12}{13}$ and $\frac{144}{156}$

300) $\frac{9}{13}$ and $\frac{117}{169}$

301) $\frac{5.2}{6}$ and $\frac{15.6}{18}$

302) $\frac{12.6}{10.8}$ and $\frac{4.2}{3.6}$

303) $\frac{3.4}{4.4}$ and $\frac{13.6}{17.6}$

304) $\frac{5.6}{5.2}$ and $\frac{11.2}{10.4}$

305) $\frac{9.4}{12}$ and $\frac{4.7}{6}$

306) $\frac{11.4}{10.8}$ and $\frac{3.8}{3.6}$

307) $\frac{18}{12.9}$ and $\frac{6}{4.3}$

308) $\frac{28.2}{19.8}$ and $\frac{4.7}{3.3}$

309) $\frac{4.2}{5.9}$ and $\frac{12.6}{11.8}$

310) $\frac{3.4}{3.6}$ and $\frac{13.6}{7.2}$

311) $\frac{5.5}{4.3}$ and $\frac{11}{17.2}$

312) $\frac{32.2}{30.6}$ and $\frac{4.6}{5.1}$

313) $\frac{22.8}{40.6}$ and $\frac{3.8}{5.8}$

314) $\frac{35.4}{28}$ and $\frac{5.9}{3.5}$

315) $\frac{30.6}{17.2}$ and $\frac{5.1}{4.3}$

316) $\frac{4.2}{5.1}$ and $\frac{25.2}{25.5}$

317) $\frac{3.2}{5.8}$ and $\frac{16}{40.6}$

318) $\frac{5.5}{3.4}$ and $\frac{27.5}{23.8}$

319) $\frac{23}{16.8}$ and $\frac{4.6}{4.2}$

320) $\frac{14.8}{24.5}$ and $\frac{3.7}{4.9}$

321) $\frac{5.9}{5.8}$ and $\frac{23.6}{34.8}$

322) $\frac{5}{3.4}$ and $\frac{30}{17}$

323) $\frac{4.1}{4.2}$ and $\frac{16.4}{12.6}$

324) $\frac{3.2}{4.9}$ and $\frac{9.6}{14.7}$

325) $\frac{5.5}{5.7}$ and $\frac{22}{22.8}$

326) $\frac{18}{13.2}$ and $\frac{4.5}{3.3}$

327) $\frac{3.6}{4.2}$ and $\frac{7.2}{8.4}$

328) $\frac{5.9}{4.9}$ and $\frac{17.7}{14.7}$

329) $\frac{4.9}{5.6}$ and $\frac{14.7}{16.8}$

330) $\frac{12.3}{9.9}$ and $\frac{4.1}{3.3}$

331) $\frac{19.2}{24}$ and $\frac{3.2}{4}$

332) $\frac{5.4}{4.8}$ and $\frac{10.8}{9.6}$

333) $\frac{4.5}{5.6}$ and $\frac{9}{11.2}$

334) $\frac{18}{16.5}$ and $\frac{3.6}{3.3}$

335) $\frac{34.8}{24}$ and $\frac{5.8}{4}$

336) $\frac{4.9}{4.8}$ and $\frac{29.4}{28.8}$

337) $\frac{4.1}{5.5}$ and $\frac{24.6}{33}$

338) $\frac{15.5}{16}$ and $\frac{3.1}{3.2}$

339) $\frac{37.1}{20}$ and $\frac{5.3}{4}$

340) $\frac{4.5}{4.7}$ and $\frac{22.5}{28.2}$

341) $\frac{3.5}{5.5}$ and $\frac{21}{38.5}$

342) $\frac{5.8}{3.1}$ and $\frac{34.8}{12.4}$

343) $\frac{4.9}{3.9}$ and $\frac{24.5}{15.6}$

344) $\frac{23.4}{23.5}$ and $\frac{3.9}{4.7}$

345) $\frac{21.7}{27.5}$ and $\frac{3.1}{5.5}$

346) $\frac{15.9}{15.5}$ and $\frac{5.3}{3.1}$

347) $\frac{17.6}{19.5}$ and $\frac{4.4}{3.9}$

348) $\frac{3.5}{4.6}$ and $\frac{17.5}{18.4}$

349) $\frac{5.7}{5.4}$ and $\frac{22.8}{10.8}$

350) $\frac{4.8}{3.1}$ and $\frac{9.6}{9.3}$

351) $\frac{11.7}{15.2}$ and $\frac{3.9}{3.8}$

352) $\frac{15.5}{13.8}$ and $\frac{3.1}{4.6}$

353) $\frac{31.2}{42.4}$ and $\frac{5.2}{5.3}$

354) $\frac{4.3}{3}$ and $\frac{12.9}{6}$

355) $\frac{7}{7.4}$ and $\frac{3.5}{3.7}$

356) $\frac{5.6}{4.6}$ and $\frac{11.2}{9.2}$

357) $\frac{4.8}{5.3}$ and $\frac{28.8}{31.8}$

358) $\frac{3.9}{3}$ and $\frac{23.4}{18}$

359) $\frac{18}{22.2}$ and $\frac{3}{3.7}$

360) $\frac{5.2}{4.5}$ and $\frac{10.4}{9}$

361) $\frac{4.3}{5.2}$ and $\frac{21.5}{26}$

362) $\frac{17.5}{30}$ and $\frac{3.5}{6}$

363) $\frac{33.6}{22.2}$ and $\frac{5.6}{3.7}$

364) $\frac{19.2}{17.6}$ and $\frac{4.8}{4.4}$

365) $\frac{3.9}{5.2}$ and $\frac{15.6}{20.8}$

366) $\frac{24}{23.6}$ and $\frac{6}{5.9}$

367) $\frac{26}{18}$ and $\frac{5.2}{3.6}$

368) $\frac{12.9}{13.2}$ and $\frac{4.3}{4.4}$

369) $\frac{3.4}{5.2}$ and $\frac{10.2}{15.6}$

370) $\frac{5.6}{5.9}$ and $\frac{22.4}{35.4}$

371) $\frac{23.5}{14.4}$ and $\frac{4.7}{3.6}$

372) $\frac{7.6}{12.9}$ and $\frac{3.8}{4.3}$

373) $\frac{6}{5}$ and $\frac{18}{25}$

374) $\frac{5.2}{5.9}$ and $\frac{26}{17.7}$

375) $\frac{4.2}{3.5}$ and $\frac{16.8}{10.5}$

376) $\frac{3.3}{4.3}$ and $\frac{6.6}{17.2}$

377) $\frac{11.2}{20}$ and $\frac{5.6}{5}$

378) $\frac{13.8}{11.6}$ and $\frac{4.6}{5.8}$

379) $\frac{22.8}{24.5}$ and $\frac{3.8}{3.5}$

380) $\frac{36}{34.4}$ and $\frac{6}{4.3}$

381) $\frac{3.1}{4.6}$ and $\frac{21.7}{23}$

382) $\frac{25.2}{40.6}$ and $\frac{4.2}{5.8}$

383) $\frac{16.5}{23.8}$ and $\frac{3.3}{3.4}$

384) $\frac{38.5}{20.5}$ and $\frac{5.5}{4.1}$

385) $\frac{4.6}{5}$ and $\frac{23}{25}$

386) $\frac{3.7}{5.7}$ and $\frac{22.2}{34.2}$

387) $\frac{23.6}{13.6}$ and $\frac{5.9}{3.4}$

388) $\frac{5}{4.1}$ and $\frac{20}{16.4}$

389) $\frac{4.2}{4.9}$ and $\frac{21}{24.5}$

390) $\frac{3.2}{5.6}$ and $\frac{16}{28}$

391) $\frac{16.2}{10.2}$ and $\frac{5.4}{3.4}$

392) $\frac{18.4}{16.4}$ and $\frac{4.6}{4.1}$

393) $\frac{3.6}{4.9}$ and $\frac{14.4}{19.6}$

394) $\frac{23.6}{22.4}$ and $\frac{5.9}{5.6}$

395) $\frac{15}{9.6}$ and $\frac{5}{3.2}$

396) $\frac{12.3}{12}$ and $\frac{4.1}{4}$

397) $\frac{3.2}{4.8}$ and $\frac{9.6}{14.4}$

398) $\frac{5.4}{5.6}$ and $\frac{10.8}{11.2}$

399) $\frac{9}{6.4}$ and $\frac{4.5}{3.2}$

400) $\frac{3.6}{4}$ and $\frac{7.2}{12}$

401) $\frac{7.5}{7.6}$ and $\frac{60}{45.6}$

402) $\frac{8.7}{9}$ and $\frac{52.2}{36}$

403) $\frac{68.2}{83.7}$ and $\frac{6.2}{9.3}$

404) $\frac{22.2}{15.8}$ and $\frac{7.4}{7.9}$

405) $\frac{7.4}{8.1}$ and $\frac{59.2}{81}$

406) $\frac{6.2}{6.9}$ and $\frac{31}{41.4}$

407) $\frac{10}{8.3}$ and $\frac{40}{24.9}$

408) $\frac{6.1}{7.1}$ and $\frac{24.4}{14.2}$

409) $\frac{90}{94.6}$ and $\frac{10}{8.6}$

410) $\frac{52.2}{51.8}$ and $\frac{8.7}{7.4}$

411) $\frac{50}{61.6}$ and $\frac{10}{8.8}$

412) $\frac{26.1}{38}$ and $\frac{8.7}{7.6}$

413) $\frac{7.4}{9}$ and $\frac{74}{81}$

414) $\frac{8.7}{7.9}$ and $\frac{78.3}{63.2}$

415) $\frac{44.4}{74.4}$ and $\frac{7.4}{9.3}$

416) $\frac{24.8}{32.4}$ and $\frac{6.2}{8.1}$

417) $\frac{7.4}{6.9}$ and $\frac{74}{69}$

418) $\frac{6.1}{8.3}$ and $\frac{54.9}{74.7}$

419) $\frac{70}{49.7}$ and $\frac{10}{7.1}$

420) $\frac{43.5}{43}$ and $\frac{8.7}{8.6}$

421) $\frac{10}{7.4}$ and $\frac{30}{22.2}$

422) $\frac{8.7}{8.8}$ and $\frac{87}{88}$

423) $\frac{60}{60.8}$ and $\frac{7.5}{7.6}$

424) $\frac{60.9}{63}$ and $\frac{8.7}{9}$

425) $\frac{29.6}{31.2}$ and $\frac{7.4}{7.8}$

426) $\frac{6.2}{9.3}$ and $\frac{12.4}{18.6}$

427) $\frac{74}{81}$ and $\frac{7.4}{8.1}$

428) $\frac{43.4}{48.3}$ and $\frac{6.2}{6.9}$

429) $\frac{10}{8.3}$ and $\frac{50}{41.5}$

430) $\frac{6.1}{7.1}$ and $\frac{24.4}{28.4}$

431) $\frac{20}{25.5}$ and $\frac{10}{8.5}$

432) $\frac{8.7}{7.4}$ and $\frac{69.6}{74}$

433) $\frac{10}{8.8}$ and $\frac{80}{52.8}$

434) $\frac{8.7}{7.6}$ and $\frac{52.2}{38}$

435) $\frac{22.2}{36}$ and $\frac{7.4}{9}$

436) $\frac{95.7}{70.2}$ and $\frac{8.7}{7.8}$

437) $\frac{66.6}{73.6}$ and $\frac{7.4}{9.2}$

438) $\frac{6.2}{8.1}$ and $\frac{37.2}{56.7}$

439) $\frac{7.4}{6.9}$ and $\frac{29.6}{41.4}$

440) $\frac{6.1}{8.3}$ and $\frac{24.4}{16.6}$

441) $\frac{10}{7.1}$ and $\frac{90}{71}$

442) $\frac{42.7}{68}$ and $\frac{6.1}{8.5}$

443) $\frac{70}{36.5}$ and $\frac{10}{7.3}$

444) $\frac{34.8}{26.4}$ and $\frac{8.7}{8.8}$

445) $\frac{99}{83.6}$ and $\frac{9.9}{7.6}$

446) $\frac{8.7}{9}$ and $\frac{78.3}{81}$

447) $\frac{7.4}{7.8}$ and $\frac{44.4}{46.8}$

448) $\frac{34.8}{36.8}$ and $\frac{8.7}{9.2}$

449) $\frac{7.4}{8.1}$ and $\frac{22.2}{24.3}$

450) $\frac{6.1}{6.9}$ and $\frac{61}{69}$

451) $\frac{51.8}{58.1}$ and $\frac{7.4}{8.3}$

452) $\frac{30.5}{35.5}$ and $\frac{6.1}{7.1}$

453) $\frac{40}{34}$ and $\frac{10}{8.5}$

454) $\frac{6.1}{7.3}$ and $\frac{12.2}{14.6}$

455) $\frac{80}{70.4}$ and $\frac{10}{8.8}$

456) $\frac{60.9}{53.2}$ and $\frac{8.7}{7.6}$

457) $\frac{49.5}{45}$ and $\frac{9.9}{9}$

458) $\frac{8.7}{7.8}$ and $\frac{26.1}{23.4}$

459) $\frac{7.4}{9.2}$ and $\frac{74}{92}$

460) $\frac{69.6}{64}$ and $\frac{8.7}{8}$

461) $\frac{7.4}{6.9}$ and $\frac{44.4}{41.4}$

462) $\frac{30.5}{33.2}$ and $\frac{6.1}{8.3}$

463) $\frac{22.2}{14.2}$ and $\frac{7.4}{7.1}$

464) $\frac{54.9}{93.5}$ and $\frac{6.1}{8.5}$

465) $\frac{10}{7.3}$ and $\frac{80}{65.7}$

466) $\frac{6.1}{8.7}$ and $\frac{36.6}{43.5}$

467) $\frac{49.5}{22.8}$ and $\frac{9.9}{7.6}$

468) $\frac{87}{108}$ and $\frac{8.7}{9}$

469) $\frac{89.1}{78}$ and $\frac{9.9}{7.8}$

470) $\frac{8.7}{9.2}$ and $\frac{52.2}{73.6}$

471) $\frac{7.4}{8}$ and $\frac{29.6}{48}$

472) $\frac{8.6}{6.8}$ and $\frac{34.4}{20.4}$

473) $\frac{7.4}{8.3}$ and $\frac{81.4}{83}$

474) $\frac{42.7}{63.9}$ and $\frac{6.1}{7.1}$

475) $\frac{44.4}{68}$ and $\frac{7.4}{8.5}$

476) $\frac{30.5}{29.2}$ and $\frac{6.1}{7.3}$

477) $\frac{99}{87}$ and $\frac{9.9}{8.7}$

478) $\frac{6.1}{7.5}$ and $\frac{54.9}{67.5}$

479) $\frac{9.9}{9}$ and $\frac{69.3}{63}$

480) $\frac{43.5}{39}$ and $\frac{8.7}{7.8}$

481) $\frac{29.7}{27.6}$ and $\frac{9.9}{9.2}$

482) $\frac{8.6}{8}$ and $\frac{86}{80}$

483) $\frac{7.4}{6.8}$ and $\frac{59.2}{54.4}$

484) $\frac{36.6}{49.8}$ and $\frac{6.1}{8.3}$

485) $\frac{29.6}{28.4}$ and $\frac{7.4}{7.1}$

486) $\frac{6.1}{8.5}$ and $\frac{12.2}{17}$

487) $\frac{10}{7.3}$ and $\frac{90}{65.7}$

488) $\frac{48.8}{69.6}$ and $\frac{6.1}{8.7}$

489) $\frac{49.5}{37.5}$ and $\frac{9.9}{7.5}$

490) $\frac{8.7}{9}$ and $\frac{26.1}{27}$

491) $\frac{9.9}{7.8}$ and $\frac{19.8}{15.6}$

492) $\frac{8.7}{9.2}$ and $\frac{87}{73.6}$

493) $\frac{51.8}{48}$ and $\frac{7.4}{8}$

494) $\frac{43}{40.8}$ and $\frac{8.6}{6.8}$

495) $\frac{37}{24.6}$ and $\frac{7.4}{8.2}$

496) $\frac{67.1}{63.9}$ and $\frac{6.1}{7.1}$

497) $\frac{7.4}{8.5}$ and $\frac{59.2}{76.5}$

498) $\frac{6.1}{7.3}$ and $\frac{36.6}{58.4}$

499) $\frac{59.4}{34.8}$ and $\frac{9.9}{8.7}$

500) $\frac{12.2}{22.5}$ and $\frac{6.1}{7.5}$

501) $\frac{12.4}{9.8}$ and $\frac{74.4}{58.8}$

502) $\frac{8}{7}$ and $\frac{48}{42}$

503) $\frac{85.2}{91.2}$ and $\frac{7.1}{7.6}$

504) $\frac{9.8}{12}$ and $\frac{39.2}{48}$

505) $\frac{11.9}{12.1}$ and $\frac{71.4}{72.6}$

506) $\frac{8.2}{9.8}$ and $\frac{82}{98}$

507) $\frac{14.4}{20.8}$ and $\frac{7.2}{10.4}$

508) $\frac{70}{53.2}$ and $\frac{10}{7.6}$

509) $\frac{12.7}{8.2}$ and $\frac{165.1}{106.6}$

510) $\frac{153.4}{163.8}$ and $\frac{11.8}{12.6}$

511) $\frac{37}{66}$ and $\frac{7.4}{13.2}$

512) $\frac{112.2}{165.6}$ and $\frac{10.2}{13.8}$

513) $\frac{36.8}{33}$ and $\frac{9.2}{11}$

514) $\frac{59.5}{34.8}$ and $\frac{11.9}{11.6}$

515) $\frac{13.7}{9.5}$ and $\frac{191.8}{142.5}$

516) $\frac{68.4}{89}$ and $\frac{7.6}{8.9}$

517) $\frac{9.4}{13.8}$ and $\frac{150.4}{193.2}$

518) $\frac{12.1}{7.3}$ and $\frac{72.6}{58.4}$

519) $\frac{11.1}{11.6}$ and $\frac{133.2}{150.8}$

520) $\frac{69.5}{48.8}$ and $\frac{13.9}{12.2}$

521) $\frac{23.6}{42.8}$ and $\frac{11.8}{10.7}$

522) $\frac{8.6}{10.1}$ and $\frac{86}{111.1}$

523) $\frac{11.3}{7.3}$ and $\frac{33.9}{14.6}$

524) $\frac{14}{7.9}$ and $\frac{126}{55.3}$

525) $\frac{104.8}{85}$ and $\frac{13.1}{8.5}$

526) $\frac{121.8}{166.4}$ and $\frac{8.7}{12.8}$

527) $\frac{57.5}{67.5}$ and $\frac{11.5}{13.5}$

528) $\frac{115.5}{117.7}$ and $\frac{10.5}{10.7}$

529) $\frac{13.2}{11.3}$ and $\frac{145.2}{124.3}$

530) $\frac{8.9}{8.5}$ and $\frac{26.7}{25.5}$

531) $\frac{71.1}{81.9}$ and $\frac{7.9}{9.1}$

532) $\frac{96.3}{120.6}$ and $\frac{10.7}{13.4}$

533) $\frac{13.4}{7}$ and $\frac{187.6}{98}$

534) $\frac{12.4}{11.3}$ and $\frac{86.8}{79.1}$

535) $\frac{8.1}{11.9}$ and $\frac{97.2}{142.8}$

536) $\frac{129.6}{150}$ and $\frac{10.8}{12.5}$

537) $\frac{9.9}{9.7}$ and $\frac{39.6}{38.8}$

538) $\frac{12.6}{10.3}$ and $\frac{126}{103}$

539) $\frac{16.6}{15.2}$ and $\frac{8.3}{7.6}$

540) $\frac{14.6}{16.4}$ and $\frac{7.3}{8.2}$

541) $\frac{80}{100}$ and $\frac{10}{12.5}$

542) $\frac{192}{170.3}$ and $\frac{12.8}{13.1}$

543) $\frac{11.8}{10.3}$ and $\frac{70.8}{51.5}$

544) $\frac{45}{76.3}$ and $\frac{7.5}{10.9}$

545) $\frac{112.2}{106.6}$ and $\frac{10.2}{8.2}$

546) $\frac{46}{26.4}$ and $\frac{9.2}{8.8}$

547) $\frac{60}{37.6}$ and $\frac{12}{9.4}$

548) $\frac{7.6}{13.7}$ and $\frac{68.4}{137}$

549) $\frac{13.8}{7.2}$ and $\frac{193.2}{115.2}$

550) $\frac{9.4}{11.6}$ and $\frac{65.8}{92.8}$

551) $\frac{12.1}{12.2}$ and $\frac{84.7}{97.6}$

552) $\frac{156.8}{112.8}$ and $\frac{11.2}{9.4}$

553) $\frac{83.4}{40}$ and $\frac{13.9}{10}$

554) $\frac{9.6}{7.2}$ and $\frac{96}{79.2}$

555) $\frac{8.6}{7.8}$ and $\frac{86}{93.6}$

556) $\frac{11.3}{12.2}$ and $\frac{45.2}{24.4}$

557) $\frac{7}{12.8}$ and $\frac{63}{102.4}$

558) $\frac{13.1}{13.4}$ and $\frac{170.3}{174.2}$

559) $\frac{8.8}{10.6}$ and $\frac{114.4}{137.8}$

560) $\frac{69}{67.2}$ and $\frac{11.5}{11.2}$

561) $\frac{10.5}{8.4}$ and $\frac{115.5}{92.4}$

562) $\frac{13.3}{9.1}$ and $\frac{39.9}{27.3}$

563) $\frac{8.9}{13.4}$ and $\frac{35.6}{53.6}$

564) $\frac{72}{126}$ and $\frac{8}{14}$

565) $\frac{10.7}{11.2}$ and $\frac{149.8}{156.8}$

566) $\frac{13.4}{11.8}$ and $\frac{26.8}{23.6}$

567) $\frac{63.7}{63}$ and $\frac{9.1}{9}$

568) $\frac{97.2}{116.4}$ and $\frac{8.1}{9.7}$

569) $\frac{43.6}{41.2}$ and $\frac{10.9}{10.3}$

570) $\frac{13.6}{7.5}$ and $\frac{68}{37.5}$

571) $\frac{127}{81}$ and $\frac{12.7}{8.1}$

572) $\frac{16.6}{24.8}$ and $\frac{8.3}{12.4}$

573) $\frac{110}{104}$ and $\frac{11}{13}$

574) $\frac{10.1}{10.3}$ and $\frac{80.8}{103}$

575) $\frac{12.8}{10.9}$ and $\frac{179.2}{141.7}$

576) $\frac{8.5}{8.1}$ and $\frac{68}{48.6}$

577) $\frac{82.5}{113.1}$ and $\frac{7.5}{8.7}$

578) $\frac{112.2}{156}$ and $\frac{10.2}{13}$

579) $\frac{65}{54.4}$ and $\frac{13}{13.6}$

580) $\frac{132}{64.8}$ and $\frac{12}{7.2}$

581) $\frac{7.7}{11.5}$ and $\frac{69.3}{126.5}$

582) $\frac{10.4}{12.1}$ and $\frac{31.2}{24.2}$

583) $\frac{9.4}{9.3}$ and $\frac{84.6}{65.1}$

584) $\frac{12.2}{9.9}$ and $\frac{146.4}{138.6}$

585) $\frac{109.2}{93.6}$ and $\frac{7.8}{7.2}$

586) $\frac{14}{7.8}$ and $\frac{84}{39}$

587) $\frac{9.6}{12.1}$ and $\frac{96}{145.2}$

588) $\frac{24.6}{25.4}$ and $\frac{12.3}{12.7}$

589) $\frac{34.2}{29.7}$ and $\frac{11.4}{9.9}$

590) $\frac{7}{10.5}$ and $\frac{56}{84}$

591) $\frac{9.8}{11.2}$ and $\frac{127.4}{145.6}$

592) $\frac{52.8}{50.4}$ and $\frac{8.8}{8.4}$

593) $\frac{69}{54}$ and $\frac{11.5}{9}$

594) $\frac{7.2}{13.3}$ and $\frac{79.2}{146.3}$

595) $\frac{13.3}{13.9}$ and $\frac{53.2}{55.6}$

596) $\frac{36}{44.4}$ and $\frac{9}{11.1}$

597) $\frac{105.3}{106.2}$ and $\frac{11.7}{11.8}$

598) $\frac{10.7}{9}$ and $\frac{21.4}{18}$

599) $\frac{13.5}{9.6}$ and $\frac{94.5}{67.2}$

600) $\frac{63.7}{97.3}$ and $\frac{9.1}{13.9}$

Checking for a proportion

State if each pair of ratios forms a proportion.

1) $\frac{12}{25}$ and $\frac{3}{5}$

No

3) $\frac{20}{30}$ and $\frac{4}{5}$

No

5) $\frac{24}{30}$ and $\frac{4}{6}$

No

7) $\frac{6}{10}$ and $\frac{3}{5}$

Yes

9) $\frac{12}{9}$ and $\frac{4}{3}$

Yes

11) $\frac{4}{3}$ and $\frac{8}{6}$

Yes

13) $\frac{12}{8}$ and $\frac{6}{4}$

Yes

15) $\frac{3}{5}$ and $\frac{18}{30}$

Yes

17) $\frac{4}{5}$ and $\frac{24}{20}$

No

19) $\frac{4}{5}$ and $\frac{24}{25}$

No

21) $\frac{15}{30}$ and $\frac{5}{6}$

No

23) $\frac{25}{12}$ and $\frac{5}{3}$

No

25) $\frac{3}{6}$ and $\frac{9}{24}$

No

27) $\frac{20}{9}$ and $\frac{4}{3}$

No

2) $\frac{21}{25}$ and $\frac{3}{5}$

No

4) $\frac{4}{6}$ and $\frac{12}{24}$

No

6) $\frac{20}{24}$ and $\frac{5}{6}$

Yes

8) $\frac{6}{3}$ and $\frac{18}{9}$

Yes

10) $\frac{5}{4}$ and $\frac{25}{20}$

Yes

12) $\frac{30}{24}$ and $\frac{5}{4}$

Yes

14) $\frac{30}{20}$ and $\frac{6}{4}$

Yes

16) $\frac{21}{30}$ and $\frac{3}{5}$

No

18) $\frac{4}{5}$ and $\frac{16}{25}$

No

20) $\frac{12}{8}$ and $\frac{3}{4}$

No

22) $\frac{6}{5}$ and $\frac{12}{20}$

No

24) $\frac{28}{36}$ and $\frac{4}{6}$

No

26) $\frac{12}{18}$ and $\frac{3}{6}$

No

28) $\frac{8}{12}$ and $\frac{4}{3}$

No

29) $\frac{15}{6}$ and $\frac{5}{3}$

No

31) $\frac{5}{3}$ and $\frac{15}{9}$

Yes

33) $\frac{36}{24}$ and $\frac{6}{4}$

Yes

35) $\frac{3}{4}$ and $\frac{15}{20}$

Yes

37) $\frac{6}{5}$ and $\frac{36}{30}$

Yes

39) $\frac{30}{25}$ and $\frac{6}{5}$

Yes

41) $\frac{3}{6}$ and $\frac{12}{24}$

Yes

43) $\frac{20}{18}$ and $\frac{4}{6}$

No

45) $\frac{5}{3}$ and $\frac{20}{15}$

No

47) $\frac{6}{3}$ and $\frac{24}{6}$

No

49) $\frac{16}{18}$ and $\frac{4}{3}$

No

51) $\frac{18}{32}$ and $\frac{3}{4}$

No

53) $\frac{5}{6}$ and $\frac{10}{18}$

No

55) $\frac{30}{28}$ and $\frac{5}{4}$

No

57) $\frac{24}{20}$ and $\frac{6}{5}$

Yes

59) $\frac{16}{20}$ and $\frac{4}{5}$

Yes

30) $\frac{5}{3}$ and $\frac{10}{9}$

No

32) $\frac{6}{3}$ and $\frac{36}{18}$

Yes

34) $\frac{6}{8}$ and $\frac{3}{4}$

Yes

36) $\frac{24}{30}$ and $\frac{4}{5}$

Yes

38) $\frac{10}{6}$ and $\frac{5}{3}$

Yes

40) $\frac{18}{15}$ and $\frac{6}{5}$

Yes

42) $\frac{3}{6}$ and $\frac{12}{30}$

No

44) $\frac{5}{6}$ and $\frac{25}{18}$

No

46) $\frac{5}{3}$ and $\frac{10}{12}$

No

48) $\frac{18}{6}$ and $\frac{6}{3}$

No

50) $\frac{6}{18}$ and $\frac{3}{6}$

No

52) $\frac{6}{3}$ and $\frac{48}{18}$

No

54) $\frac{35}{20}$ and $\frac{5}{4}$

No

56) $\frac{36}{28}$ and $\frac{6}{4}$

No

58) $\frac{3}{5}$ and $\frac{15}{25}$

Yes

60) $\frac{4}{6}$ and $\frac{16}{24}$

Yes

61) $\frac{15}{18}$ and $\frac{5}{6}$

Yes

63) $\frac{18}{36}$ and $\frac{3}{6}$

Yes

65) $\frac{24}{12}$ and $\frac{6}{3}$

Yes

67) $\frac{24}{15}$ and $\frac{4}{3}$

No

69) $\frac{20}{8}$ and $\frac{5}{4}$

No

71) $\frac{6}{4}$ and $\frac{36}{20}$

No

73) $\frac{6}{4}$ and $\frac{36}{32}$

No

75) $\frac{18}{25}$ and $\frac{3}{5}$

No

77) $\frac{16}{15}$ and $\frac{4}{5}$

No

79) $\frac{3}{4}$ and $\frac{21}{24}$

No

81) $\frac{3}{6}$ and $\frac{9}{18}$

Yes

83) $\frac{5}{3}$ and $\frac{30}{18}$

Yes

85) $\frac{8}{10}$ and $\frac{4}{5}$

Yes

87) $\frac{3}{6}$ and $\frac{18}{42}$

No

89) $\frac{30}{12}$ and $\frac{5}{3}$

No

91) $\frac{30}{20}$ and $\frac{6}{5}$

No

62) $\frac{4}{3}$ and $\frac{16}{12}$

Yes

64) $\frac{12}{6}$ and $\frac{6}{3}$

Yes

66) $\frac{3}{6}$ and $\frac{15}{30}$

Yes

68) $\frac{4}{3}$ and $\frac{28}{18}$

No

70) $\frac{10}{16}$ and $\frac{5}{4}$

No

72) $\frac{6}{4}$ and $\frac{42}{24}$

No

74) $\frac{3}{4}$ and $\frac{18}{28}$

No

76) $\frac{20}{35}$ and $\frac{4}{5}$

No

78) $\frac{4}{5}$ and $\frac{24}{35}$

No

80) $\frac{6}{3}$ and $\frac{36}{21}$

No

82) $\frac{4}{6}$ and $\frac{8}{12}$

Yes

84) $\frac{3}{4}$ and $\frac{18}{24}$

Yes

86) $\frac{12}{16}$ and $\frac{3}{4}$

Yes

88) $\frac{30}{15}$ and $\frac{6}{5}$

No

90) $\frac{36}{20}$ and $\frac{6}{5}$

No

92) $\frac{15}{20}$ and $\frac{3}{5}$

No

93) $\frac{3}{6}$ and $\frac{21}{30}$

No

95) $\frac{4}{6}$ and $\frac{20}{24}$

No

97) $\frac{6}{3}$ and $\frac{30}{9}$

No

99) $\frac{12}{20}$ and $\frac{3}{5}$

Yes

101) $\frac{6}{7}$ and $\frac{24}{28}$

Yes

103) $\frac{81}{110}$ and $\frac{9}{10}$

No

105) $\frac{8}{7}$ and $\frac{72}{77}$

No

107) $\frac{10}{36}$ and $\frac{5}{9}$

No

109) $\frac{48}{40}$ and $\frac{8}{5}$

No

111) $\frac{10}{7}$ and $\frac{40}{21}$

No

113) $\frac{9}{10}$ and $\frac{72}{100}$

No

115) $\frac{30}{40}$ and $\frac{6}{10}$

No

117) $\frac{5}{6}$ and $\frac{45}{66}$

No

119) $\frac{30}{15}$ and $\frac{10}{5}$

Yes

121) $\frac{70}{60}$ and $\frac{7}{6}$

Yes

123) $\frac{63}{49}$ and $\frac{9}{7}$

Yes

94) $\frac{3}{6}$ and $\frac{9}{30}$

No

96) $\frac{30}{24}$ and $\frac{5}{6}$

No

98) $\frac{6}{3}$ and $\frac{36}{24}$

No

100) $\frac{4}{5}$ and $\frac{20}{25}$

Yes

102) $\frac{14}{40}$ and $\frac{7}{10}$

No

104) $\frac{54}{80}$ and $\frac{6}{10}$

No

106) $\frac{24}{30}$ and $\frac{8}{6}$

No

108) $\frac{50}{81}$ and $\frac{5}{9}$

No

110) $\frac{10}{5}$ and $\frac{70}{25}$

No

112) $\frac{8}{7}$ and $\frac{32}{35}$

No

114) $\frac{48}{60}$ and $\frac{6}{10}$

No

116) $\frac{16}{24}$ and $\frac{8}{6}$

No

118) $\frac{5}{8}$ and $\frac{35}{56}$

Yes

120) $\frac{40}{45}$ and $\frac{8}{9}$

Yes

122) $\frac{24}{21}$ and $\frac{8}{7}$

Yes

124) $\frac{40}{36}$ and $\frac{10}{9}$

Yes

125) $\frac{6}{10}$ and $\frac{12}{20}$

Yes

127) $\frac{72}{48}$ and $\frac{9}{6}$

Yes

129) $\frac{10}{5}$ and $\frac{50}{25}$

Yes

131) $\frac{7}{5}$ and $\frac{49}{35}$

Yes

133) $\frac{8}{10}$ and $\frac{40}{60}$

No

135) $\frac{54}{99}$ and $\frac{6}{9}$

No

137) $\frac{9}{10}$ and $\frac{72}{60}$

No

139) $\frac{40}{14}$ and $\frac{10}{7}$

No

141) $\frac{45}{56}$ and $\frac{5}{8}$

No

143) $\frac{7}{5}$ and $\frac{21}{20}$

No

145) $\frac{10}{7}$ and $\frac{90}{77}$

No

147) $\frac{28}{15}$ and $\frac{7}{5}$

No

149) $\frac{10}{5}$ and $\frac{80}{40}$

Yes

151) $\frac{54}{48}$ and $\frac{9}{8}$

Yes

153) $\frac{16}{20}$ and $\frac{8}{10}$

Yes

155) $\frac{70}{49}$ and $\frac{10}{7}$

Yes

126) $\frac{9}{10}$ and $\frac{90}{100}$

Yes

128) $\frac{25}{30}$ and $\frac{5}{6}$

Yes

130) $\frac{5}{6}$ and $\frac{40}{48}$

Yes

132) $\frac{8}{6}$ and $\frac{16}{12}$

Yes

134) $\frac{50}{21}$ and $\frac{10}{7}$

No

136) $\frac{63}{72}$ and $\frac{7}{9}$

No

138) $\frac{5}{6}$ and $\frac{20}{36}$

No

140) $\frac{6}{5}$ and $\frac{72}{50}$

No

142) $\frac{54}{35}$ and $\frac{9}{5}$

No

144) $\frac{10}{7}$ and $\frac{120}{70}$

No

146) $\frac{7}{9}$ and $\frac{56}{63}$

No

148) $\frac{27}{30}$ and $\frac{9}{10}$

Yes

150) $\frac{8}{6}$ and $\frac{56}{42}$

Yes

152) $\frac{20}{32}$ and $\frac{5}{8}$

Yes

154) $\frac{8}{5}$ and $\frac{64}{40}$

Yes

156) $\frac{80}{72}$ and $\frac{10}{9}$

Yes

157) $\frac{7}{9}$ and $\frac{21}{27}$

Yes

159) $\frac{6}{9}$ and $\frac{48}{72}$

Yes

161) $\frac{9}{6}$ and $\frac{45}{30}$

Yes

163) $\frac{6}{8}$ and $\frac{60}{72}$

No

165) $\frac{45}{100}$ and $\frac{5}{10}$

No

167) $\frac{8}{9}$ and $\frac{56}{45}$

No

169) $\frac{10}{9}$ and $\frac{80}{54}$

No

171) $\frac{27}{20}$ and $\frac{9}{5}$

No

173) $\frac{54}{56}$ and $\frac{6}{8}$

No

175) $\frac{8}{10}$ and $\frac{32}{50}$

No

177) $\frac{24}{45}$ and $\frac{8}{9}$

No

179) $\frac{10}{9}$ and $\frac{50}{45}$

Yes

181) $\frac{10}{9}$ and $\frac{90}{81}$

Yes

183) $\frac{7}{8}$ and $\frac{42}{48}$

Yes

185) $\frac{5}{10}$ and $\frac{45}{90}$

Yes

187) $\frac{40}{30}$ and $\frac{8}{6}$

Yes

158) $\frac{10}{9}$ and $\frac{100}{90}$

Yes

160) $\frac{24}{20}$ and $\frac{6}{5}$

Yes

162) $\frac{5}{8}$ and $\frac{10}{16}$

Yes

164) $\frac{8}{10}$ and $\frac{72}{80}$

No

166) $\frac{15}{35}$ and $\frac{5}{7}$

No

168) $\frac{50}{36}$ and $\frac{10}{9}$

No

170) $\frac{6}{9}$ and $\frac{30}{36}$

No

172) $\frac{90}{72}$ and $\frac{9}{6}$

No

174) $\frac{10}{9}$ and $\frac{120}{90}$

No

176) $\frac{5}{10}$ and $\frac{10}{40}$

No

178) $\frac{10}{7}$ and $\frac{70}{56}$

No

180) $\frac{18}{27}$ and $\frac{6}{9}$

Yes

182) $\frac{9}{5}$ and $\frac{72}{40}$

Yes

184) $\frac{18}{16}$ and $\frac{9}{8}$

Yes

186) $\frac{7}{10}$ and $\frac{56}{80}$

Yes

188) $\frac{10}{7}$ and $\frac{30}{21}$

Yes

189) $\frac{7}{9}$ and $\frac{14}{18}$

Yes

191) $\frac{30}{25}$ and $\frac{6}{5}$

Yes

193) $\frac{9}{8}$ and $\frac{90}{72}$

No

195) $\frac{5}{10}$ and $\frac{30}{80}$

No

197) $\frac{55}{54}$ and $\frac{5}{6}$

No

199) $\frac{6}{7}$ and $\frac{42}{63}$

No

201) $\frac{42}{55}$ and $\frac{14}{11}$

No

203) $\frac{105}{154}$ and $\frac{7}{11}$

No

205) $\frac{9}{7}$ and $\frac{90}{70}$

Yes

207) $\frac{8}{12}$ and $\frac{48}{96}$

No

209) $\frac{100}{130}$ and $\frac{10}{13}$

Yes

211) $\frac{20}{26}$ and $\frac{10}{13}$

Yes

213) $\frac{143}{169}$ and $\frac{11}{13}$

Yes

215) $\frac{12}{14}$ and $\frac{72}{84}$

Yes

217) $\frac{8}{14}$ and $\frac{88}{154}$

Yes

219) $\frac{140}{130}$ and $\frac{14}{13}$

Yes

190) $\frac{7}{9}$ and $\frac{63}{81}$

Yes

192) $\frac{6}{5}$ and $\frac{18}{25}$

No

194) $\frac{5}{8}$ and $\frac{50}{64}$

No

196) $\frac{30}{12}$ and $\frac{10}{6}$

No

198) $\frac{7}{9}$ and $\frac{49}{81}$

No

200) $\frac{10}{9}$ and $\frac{50}{27}$

No

202) $\frac{77}{104}$ and $\frac{11}{13}$

No

204) $\frac{154}{192}$ and $\frac{11}{12}$

No

206) $\frac{9}{12}$ and $\frac{36}{48}$

Yes

208) $\frac{52}{48}$ and $\frac{13}{12}$

Yes

210) $\frac{28}{26}$ and $\frac{14}{13}$

Yes

212) $\frac{7}{13}$ and $\frac{56}{104}$

Yes

214) $\frac{40}{65}$ and $\frac{8}{13}$

Yes

216) $\frac{13}{14}$ and $\frac{39}{42}$

Yes

218) $\frac{72}{112}$ and $\frac{9}{14}$

Yes

220) $\frac{10}{14}$ and $\frac{140}{196}$

Yes

221) $\frac{84}{42}$ and $\frac{14}{7}$

Yes

223) $\frac{91}{66}$ and $\frac{13}{11}$

No

225) $\frac{8}{7}$ and $\frac{96}{70}$

No

227) $\frac{9}{8}$ and $\frac{18}{24}$

No

229) $\frac{150}{104}$ and $\frac{10}{8}$

No

231) $\frac{10}{8}$ and $\frac{60}{56}$

No

233) $\frac{33}{36}$ and $\frac{11}{9}$

No

235) $\frac{132}{81}$ and $\frac{12}{9}$

No

237) $\frac{78}{54}$ and $\frac{13}{9}$

Yes

239) $\frac{168}{120}$ and $\frac{14}{10}$

Yes

241) $\frac{35}{50}$ and $\frac{7}{10}$

Yes

243) $\frac{7}{10}$ and $\frac{14}{20}$

Yes

245) $\frac{8}{11}$ and $\frac{64}{88}$

Yes

247) $\frac{9}{11}$ and $\frac{54}{66}$

Yes

249) $\frac{10}{11}$ and $\frac{110}{121}$

Yes

251) $\frac{99}{108}$ and $\frac{11}{12}$

Yes

222) $\frac{154}{84}$ and $\frac{11}{7}$

No

224) $\frac{12}{7}$ and $\frac{48}{35}$

No

226) $\frac{12}{7}$ and $\frac{144}{70}$

No

228) $\frac{104}{80}$ and $\frac{13}{8}$

No

230) $\frac{14}{8}$ and $\frac{196}{104}$

No

232) $\frac{7}{8}$ and $\frac{77}{104}$

No

234) $\frac{24}{36}$ and $\frac{8}{9}$

No

236) $\frac{128}{126}$ and $\frac{8}{9}$

No

238) $\frac{11}{9}$ and $\frac{154}{126}$

Yes

240) $\frac{27}{21}$ and $\frac{9}{7}$

Yes

242) $\frac{110}{100}$ and $\frac{11}{10}$

Yes

244) $\frac{12}{11}$ and $\frac{96}{88}$

Yes

246) $\frac{169}{143}$ and $\frac{13}{11}$

Yes

248) $\frac{13}{11}$ and $\frac{143}{121}$

Yes

250) $\frac{56}{48}$ and $\frac{14}{12}$

Yes

252) $\frac{105}{168}$ and $\frac{7}{12}$

No

253) $\frac{56}{96}$ and $\frac{8}{12}$

No

255) $\frac{14}{10}$ and $\frac{196}{120}$

No

257) $\frac{9}{13}$ and $\frac{99}{130}$

No

259) $\frac{30}{65}$ and $\frac{10}{13}$

No

261) $\frac{11}{14}$ and $\frac{154}{182}$

No

263) $\frac{12}{14}$ and $\frac{72}{112}$

No

265) $\frac{52}{70}$ and $\frac{13}{14}$

No

267) $\frac{13}{7}$ and $\frac{117}{63}$

Yes

269) $\frac{98}{49}$ and $\frac{14}{7}$

Yes

271) $\frac{77}{63}$ and $\frac{11}{9}$

Yes

273) $\frac{12}{8}$ and $\frac{120}{80}$

Yes

275) $\frac{13}{8}$ and $\frac{104}{64}$

Yes

277) $\frac{196}{126}$ and $\frac{14}{9}$

Yes

279) $\frac{7}{9}$ and $\frac{77}{99}$

Yes

281) $\frac{8}{9}$ and $\frac{32}{45}$

No

283) $\frac{91}{80}$ and $\frac{13}{10}$

No

254) $\frac{77}{156}$ and $\frac{7}{13}$

No

256) $\frac{9}{13}$ and $\frac{126}{156}$

No

258) $\frac{14}{13}$ and $\frac{42}{26}$

No

260) $\frac{63}{104}$ and $\frac{7}{13}$

No

262) $\frac{7}{14}$ and $\frac{42}{112}$

No

264) $\frac{8}{14}$ and $\frac{96}{154}$

No

266) $\frac{81}{154}$ and $\frac{9}{14}$

No

268) $\frac{10}{7}$ and $\frac{140}{98}$

Yes

270) $\frac{132}{84}$ and $\frac{11}{7}$

Yes

272) $\frac{12}{7}$ and $\frac{60}{35}$

Yes

274) $\frac{9}{8}$ and $\frac{27}{24}$

Yes

276) $\frac{130}{104}$ and $\frac{10}{8}$

Yes

278) $\frac{10}{9}$ and $\frac{60}{54}$

Yes

280) $\frac{44}{36}$ and $\frac{11}{9}$

Yes

282) $\frac{128}{140}$ and $\frac{8}{10}$

No

284) $\frac{63}{90}$ and $\frac{9}{10}$

No

285) $\frac{8}{13}$ and $\frac{40}{39}$

No

287) $\frac{140}{110}$ and $\frac{14}{10}$

No

289) $\frac{96}{99}$ and $\frac{12}{11}$

No

291) $\frac{12}{11}$ and $\frac{192}{154}$

No

293) $\frac{13}{12}$ and $\frac{143}{144}$

No

295) $\frac{90}{108}$ and $\frac{10}{12}$

Yes

297) $\frac{11}{12}$ and $\frac{22}{24}$

Yes

299) $\frac{12}{13}$ and $\frac{144}{156}$

Yes

301) $\frac{5.2}{6}$ and $\frac{15.6}{18}$

Yes

303) $\frac{3.4}{4.4}$ and $\frac{13.6}{17.6}$

Yes

305) $\frac{9.4}{12}$ and $\frac{4.7}{6}$

Yes

307) $\frac{18}{12.9}$ and $\frac{6}{4.3}$

Yes

309) $\frac{4.2}{5.9}$ and $\frac{12.6}{11.8}$

No

311) $\frac{5.5}{4.3}$ and $\frac{11}{17.2}$

No

313) $\frac{22.8}{40.6}$ and $\frac{3.8}{5.8}$

No

315) $\frac{30.6}{17.2}$ and $\frac{5.1}{4.3}$

No

286) $\frac{14}{10}$ and $\frac{70}{60}$

No

288) $\frac{7}{11}$ and $\frac{21}{55}$

No

290) $\frac{8}{11}$ and $\frac{80}{88}$

No

292) $\frac{9}{11}$ and $\frac{54}{77}$

No

294) $\frac{120}{144}$ and $\frac{10}{12}$

Yes

296) $\frac{7}{12}$ and $\frac{14}{24}$

Yes

298) $\frac{56}{91}$ and $\frac{8}{13}$

Yes

300) $\frac{9}{13}$ and $\frac{117}{169}$

Yes

302) $\frac{12.6}{10.8}$ and $\frac{4.2}{3.6}$

Yes

304) $\frac{5.6}{5.2}$ and $\frac{11.2}{10.4}$

Yes

306) $\frac{11.4}{10.8}$ and $\frac{3.8}{3.6}$

Yes

308) $\frac{28.2}{19.8}$ and $\frac{4.7}{3.3}$

Yes

310) $\frac{3.4}{3.6}$ and $\frac{13.6}{7.2}$

No

312) $\frac{32.2}{30.6}$ and $\frac{4.6}{5.1}$

No

314) $\frac{35.4}{28}$ and $\frac{5.9}{3.5}$

No

316) $\frac{4.2}{5.1}$ and $\frac{25.2}{25.5}$

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317) $\frac{3.2}{5.8}$ and $\frac{16}{40.6}$

No

319) $\frac{23}{16.8}$ and $\frac{4.6}{4.2}$

No

321) $\frac{5.9}{5.8}$ and $\frac{23.6}{34.8}$

No

323) $\frac{4.1}{4.2}$ and $\frac{16.4}{12.6}$

No

325) $\frac{5.5}{5.7}$ and $\frac{22}{22.8}$

Yes

327) $\frac{3.6}{4.2}$ and $\frac{7.2}{8.4}$

Yes

329) $\frac{4.9}{5.6}$ and $\frac{14.7}{16.8}$

Yes

331) $\frac{19.2}{24}$ and $\frac{3.2}{4}$

Yes

333) $\frac{4.5}{5.6}$ and $\frac{9}{11.2}$

Yes

335) $\frac{34.8}{24}$ and $\frac{5.8}{4}$

Yes

337) $\frac{4.1}{5.5}$ and $\frac{24.6}{33}$

Yes

339) $\frac{37.1}{20}$ and $\frac{5.3}{4}$

No

341) $\frac{3.5}{5.5}$ and $\frac{21}{38.5}$

No

343) $\frac{4.9}{3.9}$ and $\frac{24.5}{15.6}$

No

345) $\frac{21.7}{27.5}$ and $\frac{3.1}{5.5}$

No

347) $\frac{17.6}{19.5}$ and $\frac{4.4}{3.9}$

No

318) $\frac{5.5}{3.4}$ and $\frac{27.5}{23.8}$

No

320) $\frac{14.8}{24.5}$ and $\frac{3.7}{4.9}$

No

322) $\frac{5}{3.4}$ and $\frac{30}{17}$

No

324) $\frac{3.2}{4.9}$ and $\frac{9.6}{14.7}$

Yes

326) $\frac{18}{13.2}$ and $\frac{4.5}{3.3}$

Yes

328) $\frac{5.9}{4.9}$ and $\frac{17.7}{14.7}$

Yes

330) $\frac{12.3}{9.9}$ and $\frac{4.1}{3.3}$

Yes

332) $\frac{5.4}{4.8}$ and $\frac{10.8}{9.6}$

Yes

334) $\frac{18}{16.5}$ and $\frac{3.6}{3.3}$

Yes

336) $\frac{4.9}{4.8}$ and $\frac{29.4}{28.8}$

Yes

338) $\frac{15.5}{16}$ and $\frac{3.1}{3.2}$

Yes

340) $\frac{4.5}{4.7}$ and $\frac{22.5}{28.2}$

No

342) $\frac{5.8}{3.1}$ and $\frac{34.8}{12.4}$

No

344) $\frac{23.4}{23.5}$ and $\frac{3.9}{4.7}$

No

346) $\frac{15.9}{15.5}$ and $\frac{5.3}{3.1}$

No

348) $\frac{3.5}{4.6}$ and $\frac{17.5}{18.4}$

No

349) $\frac{5.7}{5.4}$ and $\frac{22.8}{10.8}$

No

351) $\frac{11.7}{15.2}$ and $\frac{3.9}{3.8}$

No

353) $\frac{31.2}{42.4}$ and $\frac{5.2}{5.3}$

No

355) $\frac{7}{7.4}$ and $\frac{3.5}{3.7}$

Yes

357) $\frac{4.8}{5.3}$ and $\frac{28.8}{31.8}$

Yes

359) $\frac{18}{22.2}$ and $\frac{3}{3.7}$

Yes

361) $\frac{4.3}{5.2}$ and $\frac{21.5}{26}$

Yes

363) $\frac{33.6}{22.2}$ and $\frac{5.6}{3.7}$

Yes

365) $\frac{3.9}{5.2}$ and $\frac{15.6}{20.8}$

Yes

367) $\frac{26}{18}$ and $\frac{5.2}{3.6}$

Yes

369) $\frac{3.4}{5.2}$ and $\frac{10.2}{15.6}$

Yes

371) $\frac{23.5}{14.4}$ and $\frac{4.7}{3.6}$

No

373) $\frac{6}{5}$ and $\frac{18}{25}$

No

375) $\frac{4.2}{3.5}$ and $\frac{16.8}{10.5}$

No

377) $\frac{11.2}{20}$ and $\frac{5.6}{5}$

No

379) $\frac{22.8}{24.5}$ and $\frac{3.8}{3.5}$

No

350) $\frac{4.8}{3.1}$ and $\frac{9.6}{9.3}$

No

352) $\frac{15.5}{13.8}$ and $\frac{3.1}{4.6}$

No

354) $\frac{4.3}{3}$ and $\frac{12.9}{6}$

No

356) $\frac{5.6}{4.6}$ and $\frac{11.2}{9.2}$

Yes

358) $\frac{3.9}{3}$ and $\frac{23.4}{18}$

Yes

360) $\frac{5.2}{4.5}$ and $\frac{10.4}{9}$

Yes

362) $\frac{17.5}{30}$ and $\frac{3.5}{6}$

Yes

364) $\frac{19.2}{17.6}$ and $\frac{4.8}{4.4}$

Yes

366) $\frac{24}{23.6}$ and $\frac{6}{5.9}$

Yes

368) $\frac{12.9}{13.2}$ and $\frac{4.3}{4.4}$

Yes

370) $\frac{5.6}{5.9}$ and $\frac{22.4}{35.4}$

No

372) $\frac{7.6}{12.9}$ and $\frac{3.8}{4.3}$

No

374) $\frac{5.2}{5.9}$ and $\frac{26}{17.7}$

No

376) $\frac{3.3}{4.3}$ and $\frac{6.6}{17.2}$

No

378) $\frac{13.8}{11.6}$ and $\frac{4.6}{5.8}$

No

380) $\frac{36}{34.4}$ and $\frac{6}{4.3}$

No

381) $\frac{3.1}{4.6}$ and $\frac{21.7}{23}$

No

383) $\frac{16.5}{23.8}$ and $\frac{3.3}{3.4}$

No

385) $\frac{4.6}{5}$ and $\frac{23}{25}$

Yes

387) $\frac{23.6}{13.6}$ and $\frac{5.9}{3.4}$

Yes

389) $\frac{4.2}{4.9}$ and $\frac{21}{24.5}$

Yes

391) $\frac{16.2}{10.2}$ and $\frac{5.4}{3.4}$

Yes

393) $\frac{3.6}{4.9}$ and $\frac{14.4}{19.6}$

Yes

395) $\frac{15}{9.6}$ and $\frac{5}{3.2}$

Yes

397) $\frac{3.2}{4.8}$ and $\frac{9.6}{14.4}$

Yes

399) $\frac{9}{6.4}$ and $\frac{4.5}{3.2}$

Yes

401) $\frac{7.5}{7.6}$ and $\frac{60}{45.6}$

No

403) $\frac{68.2}{83.7}$ and $\frac{6.2}{9.3}$

No

405) $\frac{7.4}{8.1}$ and $\frac{59.2}{81}$

No

407) $\frac{10}{8.3}$ and $\frac{40}{24.9}$

No

409) $\frac{90}{94.6}$ and $\frac{10}{8.6}$

No

411) $\frac{50}{61.6}$ and $\frac{10}{8.8}$

No

382) $\frac{25.2}{40.6}$ and $\frac{4.2}{5.8}$

No

384) $\frac{38.5}{20.5}$ and $\frac{5.5}{4.1}$

No

386) $\frac{3.7}{5.7}$ and $\frac{22.2}{34.2}$

Yes

388) $\frac{5}{4.1}$ and $\frac{20}{16.4}$

Yes

390) $\frac{3.2}{5.6}$ and $\frac{16}{28}$

Yes

392) $\frac{18.4}{16.4}$ and $\frac{4.6}{4.1}$

Yes

394) $\frac{23.6}{22.4}$ and $\frac{5.9}{5.6}$

Yes

396) $\frac{12.3}{12}$ and $\frac{4.1}{4}$

Yes

398) $\frac{5.4}{5.6}$ and $\frac{10.8}{11.2}$

Yes

400) $\frac{3.6}{4}$ and $\frac{7.2}{12}$

No

402) $\frac{8.7}{9}$ and $\frac{52.2}{36}$

No

404) $\frac{22.2}{15.8}$ and $\frac{7.4}{7.9}$

No

406) $\frac{6.2}{6.9}$ and $\frac{31}{41.4}$

No

408) $\frac{6.1}{7.1}$ and $\frac{24.4}{14.2}$

No

410) $\frac{52.2}{51.8}$ and $\frac{8.7}{7.4}$

No

412) $\frac{26.1}{38}$ and $\frac{8.7}{7.6}$

No

413) $\frac{7.4}{9}$ and $\frac{74}{81}$

No

415) $\frac{44.4}{74.4}$ and $\frac{7.4}{9.3}$

No

417) $\frac{7.4}{6.9}$ and $\frac{74}{69}$

Yes

419) $\frac{70}{49.7}$ and $\frac{10}{7.1}$

Yes

421) $\frac{10}{7.4}$ and $\frac{30}{22.2}$

Yes

423) $\frac{60}{60.8}$ and $\frac{7.5}{7.6}$

Yes

425) $\frac{29.6}{31.2}$ and $\frac{7.4}{7.8}$

Yes

427) $\frac{74}{81}$ and $\frac{7.4}{8.1}$

Yes

429) $\frac{10}{8.3}$ and $\frac{50}{41.5}$

Yes

431) $\frac{20}{25.5}$ and $\frac{10}{8.5}$

No

433) $\frac{10}{8.8}$ and $\frac{80}{52.8}$

No

435) $\frac{22.2}{36}$ and $\frac{7.4}{9}$

No

437) $\frac{66.6}{73.6}$ and $\frac{7.4}{9.2}$

No

439) $\frac{7.4}{6.9}$ and $\frac{29.6}{41.4}$

No

441) $\frac{10}{7.1}$ and $\frac{90}{71}$

No

443) $\frac{70}{36.5}$ and $\frac{10}{7.3}$

No

414) $\frac{8.7}{7.9}$ and $\frac{78.3}{63.2}$

No

416) $\frac{24.8}{32.4}$ and $\frac{6.2}{8.1}$

Yes

418) $\frac{6.1}{8.3}$ and $\frac{54.9}{74.7}$

Yes

420) $\frac{43.5}{43}$ and $\frac{8.7}{8.6}$

Yes

422) $\frac{8.7}{8.8}$ and $\frac{87}{88}$

Yes

424) $\frac{60.9}{63}$ and $\frac{8.7}{9}$

Yes

426) $\frac{6.2}{9.3}$ and $\frac{12.4}{18.6}$

Yes

428) $\frac{43.4}{48.3}$ and $\frac{6.2}{6.9}$

Yes

430) $\frac{6.1}{7.1}$ and $\frac{24.4}{28.4}$

Yes

432) $\frac{8.7}{7.4}$ and $\frac{69.6}{74}$

No

434) $\frac{8.7}{7.6}$ and $\frac{52.2}{38}$

No

436) $\frac{95.7}{70.2}$ and $\frac{8.7}{7.8}$

No

438) $\frac{6.2}{8.1}$ and $\frac{37.2}{56.7}$

No

440) $\frac{6.1}{8.3}$ and $\frac{24.4}{16.6}$

No

442) $\frac{42.7}{68}$ and $\frac{6.1}{8.5}$

No

444) $\frac{34.8}{26.4}$ and $\frac{8.7}{8.8}$

No

445) $\frac{99}{83.6}$ and $\frac{9.9}{7.6}$

No

447) $\frac{7.4}{7.8}$ and $\frac{44.4}{46.8}$

Yes

449) $\frac{7.4}{8.1}$ and $\frac{22.2}{24.3}$

Yes

451) $\frac{51.8}{58.1}$ and $\frac{7.4}{8.3}$

Yes

453) $\frac{40}{34}$ and $\frac{10}{8.5}$

Yes

455) $\frac{80}{70.4}$ and $\frac{10}{8.8}$

Yes

457) $\frac{49.5}{45}$ and $\frac{9.9}{9}$

Yes

459) $\frac{7.4}{9.2}$ and $\frac{74}{92}$

Yes

461) $\frac{7.4}{6.9}$ and $\frac{44.4}{41.4}$

Yes

463) $\frac{22.2}{14.2}$ and $\frac{7.4}{7.1}$

No

465) $\frac{10}{7.3}$ and $\frac{80}{65.7}$

No

467) $\frac{49.5}{22.8}$ and $\frac{9.9}{7.6}$

No

469) $\frac{89.1}{78}$ and $\frac{9.9}{7.8}$

No

471) $\frac{7.4}{8}$ and $\frac{29.6}{48}$

No

473) $\frac{7.4}{8.3}$ and $\frac{81.4}{83}$

No

475) $\frac{44.4}{68}$ and $\frac{7.4}{8.5}$

No

446) $\frac{8.7}{9}$ and $\frac{78.3}{81}$

Yes

448) $\frac{34.8}{36.8}$ and $\frac{8.7}{9.2}$

Yes

450) $\frac{6.1}{6.9}$ and $\frac{61}{69}$

Yes

452) $\frac{30.5}{35.5}$ and $\frac{6.1}{7.1}$

Yes

454) $\frac{6.1}{7.3}$ and $\frac{12.2}{14.6}$

Yes

456) $\frac{60.9}{53.2}$ and $\frac{8.7}{7.6}$

Yes

458) $\frac{8.7}{7.8}$ and $\frac{26.1}{23.4}$

Yes

460) $\frac{69.6}{64}$ and $\frac{8.7}{8}$

Yes

462) $\frac{30.5}{33.2}$ and $\frac{6.1}{8.3}$

No

464) $\frac{54.9}{93.5}$ and $\frac{6.1}{8.5}$

No

466) $\frac{6.1}{8.7}$ and $\frac{36.6}{43.5}$

No

468) $\frac{87}{108}$ and $\frac{8.7}{9}$

No

470) $\frac{8.7}{9.2}$ and $\frac{52.2}{73.6}$

No

472) $\frac{8.6}{6.8}$ and $\frac{34.4}{20.4}$

No

474) $\frac{42.7}{63.9}$ and $\frac{6.1}{7.1}$

No

476) $\frac{30.5}{29.2}$ and $\frac{6.1}{7.3}$

No

477) $\frac{99}{87}$ and $\frac{9.9}{8.7}$

Yes

479) $\frac{9.9}{9}$ and $\frac{69.3}{63}$

Yes

481) $\frac{29.7}{27.6}$ and $\frac{9.9}{9.2}$

Yes

483) $\frac{7.4}{6.8}$ and $\frac{59.2}{54.4}$

Yes

485) $\frac{29.6}{28.4}$ and $\frac{7.4}{7.1}$

Yes

487) $\frac{10}{7.3}$ and $\frac{90}{65.7}$

Yes

489) $\frac{49.5}{37.5}$ and $\frac{9.9}{7.5}$

Yes

491) $\frac{9.9}{7.8}$ and $\frac{19.8}{15.6}$

Yes

493) $\frac{51.8}{48}$ and $\frac{7.4}{8}$

No

495) $\frac{37}{24.6}$ and $\frac{7.4}{8.2}$

No

497) $\frac{7.4}{8.5}$ and $\frac{59.2}{76.5}$

No

499) $\frac{59.4}{34.8}$ and $\frac{9.9}{8.7}$

No

501) $\frac{12.4}{9.8}$ and $\frac{74.4}{58.8}$

Yes

503) $\frac{85.2}{91.2}$ and $\frac{7.1}{7.6}$

Yes

505) $\frac{11.9}{12.1}$ and $\frac{71.4}{72.6}$

Yes

507) $\frac{14.4}{20.8}$ and $\frac{7.2}{10.4}$

Yes

478) $\frac{6.1}{7.5}$ and $\frac{54.9}{67.5}$

Yes

480) $\frac{43.5}{39}$ and $\frac{8.7}{7.8}$

Yes

482) $\frac{8.6}{8}$ and $\frac{86}{80}$

Yes

484) $\frac{36.6}{49.8}$ and $\frac{6.1}{8.3}$

Yes

486) $\frac{6.1}{8.5}$ and $\frac{12.2}{17}$

Yes

488) $\frac{48.8}{69.6}$ and $\frac{6.1}{8.7}$

Yes

490) $\frac{8.7}{9}$ and $\frac{26.1}{27}$

Yes

492) $\frac{8.7}{9.2}$ and $\frac{87}{73.6}$

No

494) $\frac{43}{40.8}$ and $\frac{8.6}{6.8}$

No

496) $\frac{67.1}{63.9}$ and $\frac{6.1}{7.1}$

No

498) $\frac{6.1}{7.3}$ and $\frac{36.6}{58.4}$

No

500) $\frac{12.2}{22.5}$ and $\frac{6.1}{7.5}$

No

502) $\frac{8}{7}$ and $\frac{48}{42}$

Yes

504) $\frac{9.8}{12}$ and $\frac{39.2}{48}$

Yes

506) $\frac{8.2}{9.8}$ and $\frac{82}{98}$

Yes

508) $\frac{70}{53.2}$ and $\frac{10}{7.6}$

Yes

509) $\frac{12.7}{8.2}$ and $\frac{165.1}{106.6}$

Yes

511) $\frac{37}{66}$ and $\frac{7.4}{13.2}$

Yes

513) $\frac{36.8}{33}$ and $\frac{9.2}{11}$

No

515) $\frac{13.7}{9.5}$ and $\frac{191.8}{142.5}$

No

517) $\frac{9.4}{13.8}$ and $\frac{150.4}{193.2}$

No

519) $\frac{11.1}{11.6}$ and $\frac{133.2}{150.8}$

No

521) $\frac{23.6}{42.8}$ and $\frac{11.8}{10.7}$

No

523) $\frac{11.3}{7.3}$ and $\frac{33.9}{14.6}$

No

525) $\frac{104.8}{85}$ and $\frac{13.1}{8.5}$

No

527) $\frac{57.5}{67.5}$ and $\frac{11.5}{13.5}$

Yes

529) $\frac{13.2}{11.3}$ and $\frac{145.2}{124.3}$

Yes

531) $\frac{71.1}{81.9}$ and $\frac{7.9}{9.1}$

Yes

533) $\frac{13.4}{7}$ and $\frac{187.6}{98}$

Yes

535) $\frac{8.1}{11.9}$ and $\frac{97.2}{142.8}$

Yes

537) $\frac{9.9}{9.7}$ and $\frac{39.6}{38.8}$

Yes

539) $\frac{16.6}{15.2}$ and $\frac{8.3}{7.6}$

Yes

510) $\frac{153.4}{163.8}$ and $\frac{11.8}{12.6}$

Yes

512) $\frac{112.2}{165.6}$ and $\frac{10.2}{13.8}$

No

514) $\frac{59.5}{34.8}$ and $\frac{11.9}{11.6}$

No

516) $\frac{68.4}{89}$ and $\frac{7.6}{8.9}$

No

518) $\frac{12.1}{7.3}$ and $\frac{72.6}{58.4}$

No

520) $\frac{69.5}{48.8}$ and $\frac{13.9}{12.2}$

No

522) $\frac{8.6}{10.1}$ and $\frac{86}{111.1}$

No

524) $\frac{14}{7.9}$ and $\frac{126}{55.3}$

No

526) $\frac{121.8}{166.4}$ and $\frac{8.7}{12.8}$

No

528) $\frac{115.5}{117.7}$ and $\frac{10.5}{10.7}$

Yes

530) $\frac{8.9}{8.5}$ and $\frac{26.7}{25.5}$

Yes

532) $\frac{96.3}{120.6}$ and $\frac{10.7}{13.4}$

Yes

534) $\frac{12.4}{11.3}$ and $\frac{86.8}{79.1}$

Yes

536) $\frac{129.6}{150}$ and $\frac{10.8}{12.5}$

Yes

538) $\frac{12.6}{10.3}$ and $\frac{126}{103}$

Yes

540) $\frac{14.6}{16.4}$ and $\frac{7.3}{8.2}$

Yes

541) $\frac{80}{100}$ and $\frac{10}{12.5}$

Yes

543) $\frac{11.8}{10.3}$ and $\frac{70.8}{51.5}$

No

545) $\frac{112.2}{106.6}$ and $\frac{10.2}{8.2}$

No

547) $\frac{60}{37.6}$ and $\frac{12}{9.4}$

No

549) $\frac{13.8}{7.2}$ and $\frac{193.2}{115.2}$

No

551) $\frac{12.1}{12.2}$ and $\frac{84.7}{97.6}$

No

553) $\frac{83.4}{40}$ and $\frac{13.9}{10}$

No

555) $\frac{8.6}{7.8}$ and $\frac{86}{93.6}$

No

557) $\frac{7}{12.8}$ and $\frac{63}{102.4}$

No

559) $\frac{8.8}{10.6}$ and $\frac{114.4}{137.8}$

Yes

561) $\frac{10.5}{8.4}$ and $\frac{115.5}{92.4}$

Yes

563) $\frac{8.9}{13.4}$ and $\frac{35.6}{53.6}$

Yes

565) $\frac{10.7}{11.2}$ and $\frac{149.8}{156.8}$

Yes

567) $\frac{63.7}{63}$ and $\frac{9.1}{9}$

Yes

569) $\frac{43.6}{41.2}$ and $\frac{10.9}{10.3}$

Yes

571) $\frac{127}{81}$ and $\frac{12.7}{8.1}$

Yes

542) $\frac{192}{170.3}$ and $\frac{12.8}{13.1}$

No

544) $\frac{45}{76.3}$ and $\frac{7.5}{10.9}$

No

546) $\frac{46}{26.4}$ and $\frac{9.2}{8.8}$

No

548) $\frac{7.6}{13.7}$ and $\frac{68.4}{137}$

No

550) $\frac{9.4}{11.6}$ and $\frac{65.8}{92.8}$

No

552) $\frac{156.8}{112.8}$ and $\frac{11.2}{9.4}$

No

554) $\frac{9.6}{7.2}$ and $\frac{96}{79.2}$

No

556) $\frac{11.3}{12.2}$ and $\frac{45.2}{24.4}$

No

558) $\frac{13.1}{13.4}$ and $\frac{170.3}{174.2}$

Yes

560) $\frac{69}{67.2}$ and $\frac{11.5}{11.2}$

Yes

562) $\frac{13.3}{9.1}$ and $\frac{39.9}{27.3}$

Yes

564) $\frac{72}{126}$ and $\frac{8}{14}$

Yes

566) $\frac{13.4}{11.8}$ and $\frac{26.8}{23.6}$

Yes

568) $\frac{97.2}{116.4}$ and $\frac{8.1}{9.7}$

Yes

570) $\frac{13.6}{7.5}$ and $\frac{68}{37.5}$

Yes

572) $\frac{16.6}{24.8}$ and $\frac{8.3}{12.4}$

Yes

$$573) \frac{110}{104} \text{ and } \frac{11}{13}$$

No

$$575) \frac{12.8}{10.9} \text{ and } \frac{179.2}{141.7}$$

No

$$577) \frac{82.5}{113.1} \text{ and } \frac{7.5}{8.7}$$

No

$$579) \frac{65}{54.4} \text{ and } \frac{13}{13.6}$$

No

$$581) \frac{7.7}{11.5} \text{ and } \frac{69.3}{126.5}$$

No

$$583) \frac{9.4}{9.3} \text{ and } \frac{84.6}{65.1}$$

No

$$585) \frac{109.2}{93.6} \text{ and } \frac{7.8}{7.2}$$

No

$$587) \frac{9.6}{12.1} \text{ and } \frac{96}{145.2}$$

No

$$589) \frac{34.2}{29.7} \text{ and } \frac{11.4}{9.9}$$

Yes

$$591) \frac{9.8}{11.2} \text{ and } \frac{127.4}{145.6}$$

Yes

$$593) \frac{69}{54} \text{ and } \frac{11.5}{9}$$

Yes

$$595) \frac{13.3}{13.9} \text{ and } \frac{53.2}{55.6}$$

Yes

$$597) \frac{105.3}{106.2} \text{ and } \frac{11.7}{11.8}$$

Yes

$$599) \frac{13.5}{9.6} \text{ and } \frac{94.5}{67.2}$$

Yes

$$574) \frac{10.1}{10.3} \text{ and } \frac{80.8}{103}$$

No

$$576) \frac{8.5}{8.1} \text{ and } \frac{68}{48.6}$$

No

$$578) \frac{112.2}{156} \text{ and } \frac{10.2}{13}$$

No

$$580) \frac{132}{64.8} \text{ and } \frac{12}{7.2}$$

No

$$582) \frac{10.4}{12.1} \text{ and } \frac{31.2}{24.2}$$

No

$$584) \frac{12.2}{9.9} \text{ and } \frac{146.4}{138.6}$$

No

$$586) \frac{14}{7.8} \text{ and } \frac{84}{39}$$

No

$$588) \frac{24.6}{25.4} \text{ and } \frac{12.3}{12.7}$$

Yes

$$590) \frac{7}{10.5} \text{ and } \frac{56}{84}$$

Yes

$$592) \frac{52.8}{50.4} \text{ and } \frac{8.8}{8.4}$$

Yes

$$594) \frac{7.2}{13.3} \text{ and } \frac{79.2}{146.3}$$

Yes

$$596) \frac{36}{44.4} \text{ and } \frac{9}{11.1}$$

Yes

$$598) \frac{10.7}{9} \text{ and } \frac{21.4}{18}$$

Yes

$$600) \frac{63.7}{97.3} \text{ and } \frac{9.1}{13.9}$$

Yes