



Achievement – Simplify each ratio as much as possible. The final ratio should consist of whole numbers with the same units. Units should not be given as part of the answers.

226. 2 : 4

227. 0.5 : 8

228. 17 : 51

229. 18 : 27
-
230. 64 : 4

231. 200 : 500

232. 6 : 8 : 20

233. 12 : 27 : 9
-
234. 15 m : 25 m

235. 100 mL : 5 L

236. 0.5 m : 3 m

237. 8 : 12 : 20
-
238. 20 : 12 : 4 : 2

239. 50 g : 1.5 kg

240. 10 mm : 1 km

241. 450 kg : 1.5T
-

Find the unknown variable.

242. 2 : 7 = 10 : w

243. 4 : 0.5 = x : 18

244. 18 : 7 = 6 : y

245. 3 : 9 = 4 : z
-
-

Share each quantity in the given ratio.

246. Share \$32 in the ratio 3 : 5

247. Split 40 L in the ratio 15 : 5

248. Divide \$128 in the ratio 35 : 55

249. Divide 5 L in the ratio 19 : 1
-
-
250. Split 5.2 m in the ratio 3 : 6 : 4

251. Split \$35.80 in the ratio 5 : 3 : 8 : 4

252. Divide \$17.60 in the ratio 3 : 5

253. Divide \$143 in the ratio 6 : 5 : 2
-
-

254. Two students work after school to clear a building site. Alysia works a total of 15 hours and Barbara works 10 hours. They get paid \$240 in total. How much should each student get?

255. Three friends Clare, Dennis and Elliot contribute \$16 , \$12 and \$20 respectively towards the cost of an antique. They then sell the antique for a profit of \$80. How much profit should each friend get?
-
-
-
256. Two people enter into a partnership. One contributes \$20 000 and the other \$30 000. How should a profit of \$8500 be shared between them?

257. One person puts in \$2160 and another \$900 as part of an investment. How should a profit of \$680 from the investment be shared between them based on their contributions?
-
-
-