



Sharing In Ratios Exam Practice

Given the Full Amount

- Q1. Simon and Sarah share £180 in the ratio 4 : 5
Determine how much money each of them get. [2 marks]
- Q2. Hannah and Joyce share 120 sweets in the ratio 7 : 3.
Find out how many sweets each of them get. [2 marks]
- Q3. Lawrence, Iqbal and Jenny win £500 and decide to split it in the ratio 30 : 40 : 30.
How much more does Lawrence get than Iqbal? [2 marks]

Given Part of the Amount

- Q4. Simon and Sarah share some money in the ratio 6 : 10. Simon gets £42.
Determine how much money Sarah gets. [3 marks]
- Q5. Hannah and Joyce share some sweets in the ratio 4 : 7. Hannah gets 48 sweets.
Find out how many sweets there are in total. [3 marks]
- Q6. Tania, Hannah and Dawn share the profits for their joint business in the ratio 3 : 5 : 1. In a given year Tania's share of the profit is £2,700.
Work out the difference in the amounts received by the person that receives the most and the person that receives the least. [3 marks]

Given a Difference

- Q7. Thomas and Jeremy share sweets in the ratio 3 : 5. Thomas gets 10 fewer sweets than Jeremy.
Determine how many sweets each of them get. [3 marks]
- Q8: Simon and Trevor share the proceeds from their market stall in the ratio 3:7. On a given day, Trevor gets £120 more than Simon.
Work out the total profit on this day. [3 marks]
- Q9: Dave, John and Kris have an agreement that they will share some money they have won in the ratio 3 : 5 : 7. Kris gets £40 more than John.
Calculate Dave's share of the winnings. [3 marks]

Mixed Problems

- Q10: Simon is baking cookies. He mixes flour, butter and sugar in the ratio 5 : 3 : 2. Dave uses 120 grams of sugar.
Work out how much flour and butter Dave uses. [3 marks]
- Q11: Thomas and Gordon share £500 in the ratio 7:3. Gordon then gives a tenth of his share to Percy.
What fraction of the original amount does Percy receive? [3 marks]
- Q12: Hannah wants to make 500ml of a fruit drink that requires orange juice, cranberry juice and water in the ratios 1:2:4. Hannah has 50ml of Cranberry Juice.
Is this enough to make 500ml? of the fruit drink? Show all of your working. [3 marks]