



## 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.

Simon: £ \_\_\_\_\_

Sarah: £ \_\_\_\_\_

**[2 marks]**

- Q2. Hannah and Joyce share 120 sweets in the ratio 7 : 3.  
Find out how many sweets each of them get.

Hannah: \_\_\_\_\_

Joyce: \_\_\_\_\_

**[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?

Answer: \_\_\_\_\_

**[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.

Sarah: £ \_\_\_\_\_

**[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.

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.

Answer: \_\_\_\_\_

**[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.

Thomas: \_\_\_\_\_

Jeremy: \_\_\_\_\_

[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.

Answer: \_\_\_\_\_

[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.

Answer: \_\_\_\_\_

[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.

Flour: \_\_\_\_\_

Butter: \_\_\_\_\_

[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?

Answer: \_\_\_\_\_

[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]