



Name: _____ **Date:** _____ **Score:** _____ / 25

- 1** Write down the ratio 20 : 35 in its simplest form. (1 mark)

Answer _____

- 2** In a Year 7 class there are 12 girls and 18 boys.
a. Write down the ratio of girls to boys in its simplest form.
b. Write the ratio of girls to boys in the form 1 : n (2 marks)

Answer _____

- 3** Write down the ratio 45 cm : 1.5 m in its simplest form. (2 marks)

Answer _____

- 4** Zara and Ben share £45 of birthday money in the ratio 4 : 5
Work out how much money each of them gets. (2 marks)

Answer _____

- 5** Kemi and Layla share some money in the ratio 3 : 7.
Kemi says, "I get $\frac{3}{7}$ of the money."
Kemi is wrong. Explain why. (1 mark)

Answer _____

- 6** In a gym class, the ratio of the number of men to the number of women is 4 : 5.

There are 20 men in the class.

Work out the total number of people in the class.

(2 marks)

Answer _____

- 7** Orange squash is made by mixing concentrate and water in the ratio 1 : 6

Ali makes 1.4 litres of orange squash for his football team.

How many millilitres of concentrate does he use?

(2 marks)

Answer _____

- 8** A recipe for 4 people uses 300 g of pasta.

Work out how much pasta is needed for 10 people.

(2 marks)

Answer _____

- 9** 5 packets of football stickers cost £3.50

Work out the cost of 8 packets of the same stickers.

(2 marks)

Answer _____

- 10** Amir, Bella and Carl share £132 in the ratio 1 : 4 : 6.

Work out how much money each of them gets.

(3 marks)

Answer _____

11 It takes 3 parents 8 hours to paint the fence around a school field.

Everyone works at the same rate.

- a. How long would it take 4 parents to paint the fence?
- b. How long would it take 6 parents to paint the fence?

(3 marks)

Answer _____

12 Ella and Ravi share some sweets in the ratio 3 : 5

Ravi gets 12 more sweets than Ella.

How many sweets do they share altogether?

(3 marks)

Answer _____

End of questions | Total 25 marks