



Name: _____ **Date:** _____ **Score:** _____ / 48

- 1** Aisha and Ben share £20 in the ratio 1 : 3.

How much does each person get?

(2 marks)

Answer _____

- 2** Write the ratio 50p : £2 in its simplest form.

(2 marks)

Answer _____

- 3** 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 _____

- 4** A bag has 36 sweets. They are shared between Priya and Tom in the ratio 4 : 5.

How many sweets does each get?

(2 marks)

Answer _____

- 5** Write down the ratio 20 : 35 in its simplest form.

(1 mark)

Answer _____

6 Here are the first four terms of a sequence.

6 10 14 18

Write the ratio of the 2nd term to the 6th term in its simplest form.

(2 marks)

Answer _____

7 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 _____

8 Money is shared between Lola and Femi in the ratio 3 : 5.

Lola gets £21.

Work out how much money was shared altogether.

(3 marks)

Answer _____

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

Work out how much money each of them gets.

(3 marks)

Answer _____

10 £250 is shared between three people in the ratio 2 : 3 : 5.

Work out the difference between the largest and the smallest share.

(3 marks)

Answer _____

11 In a choir there are 16 sopranos and 24 altos.

Write down the ratio of the number of sopranos to the number of altos.

Give your ratio in its simplest form.

(2 marks)

Answer _____

12 Red paint and white paint are mixed in the ratio 2 : 7.

The total amount of paint is 4.5 litres.

How many millilitres of red paint are used?

(3 marks)

Answer _____

13 Each month Tom is paid £1800.

He saves 20% of the £1800.

He splits the rest between rent and bills in the ratio 5 : 3.

Work out how much Tom spends on rent each month.

(3 marks)

Answer _____

14 A shop orders 240 candles.

The ratio of large candles to small candles ordered is 3 : 5.

Each large candle costs £4.20.

Each small candle costs £2.50.

Work out the total cost of the order.

(4 marks)

Answer _____

15 At a cinema screening there are 84 adults and 63 children.

Write down the ratio of the number of adults to the number of children.

Give your ratio in its simplest form.

(2 marks)

Answer _____

16 Ella, Fred and Grace share some money in the ratio 3 : 5 : 8.

Grace gets £35 more than Ella.

Work out the total amount of money they share.

(4 marks)

Answer _____

17 At a show, the ratio of adults to children is 3 : 4.

There are 140 people altogether.

12 adults then leave.

Write the new ratio of adults to children in its simplest form.

(4 marks)

Answer _____

18 Leah and Sam share £480 in the ratio 5 : 7.

Sam gives 30% of his share to charity.

Leah gives £60 of her share to charity.

Sam gives more money to charity than Leah does.

Work out how much more.

(5 marks)

Answer _____

End of questions | Total 48 marks