

**YEAR 5**

Ratio and Proportion

Ratio questions appear in almost every 11+ paper. The key is always to find the value of one part first.

Name: _____

Date: _____

Score: _____

Section A · Ratio and sharing

Simplify fully where asked.

1 Simplify the ratio 12 : 18

2 Simplify the ratio 25 : 40

3 Share £60.00 in the ratio 2 : 3

4 Share 45 sweets in the ratio 4 : 5

5 A recipe for 4 people uses 200 g of flour. How much is needed for 6 people?

Section B · Proportion in context

Show your working.

1 5 pens cost £3.50. How much do 9 pens cost?

2 A map has a scale of 1 : 100. A path is 3 cm on the map. How long is it in real life?

3 The ratio of boys to girls is 3 : 4. There are 28 girls. How many boys are there?

4 Share 120 in the ratio 1 : 2 : 3

5 8 workers take 6 days to finish a job. Working at the same rate, how long would 12 workers take?