

Ratio & Proportion: Easy Practice Paper 1

Q1. Write the ratio 4 : 8 in its simplest form.

- A. 1 : 2 B. 2 : 1 C. 1 : 4 D. 4 : 1 E. 1 : 3

Q2. A class has 12 boys and 18 girls. What is the ratio of boys to girls in its simplest form?

- A. 2 : 3 B. 3 : 2 C. 1 : 3 D. 3 : 1 E. 5 : 6

Q3. Amy and Ben share £20 in the ratio 1 : 3. How much does Ben receive?

- A. £5 B. £10 C. £15 D. £16 E. £18

Q4. Write the ratio 10 : 15 in its simplest form.

- A. 2 : 3 B. 3 : 2 C. 1 : 5 D. 5 : 3 E. 2 : 5

Q5. A recipe uses 2 eggs to make 6 pancakes. How many eggs are needed to make 18 pancakes?

- A. 3 B. 4 C. 6 D. 8 E. 9

Q6. In a box, the ratio of red counters to blue counters is 3 : 1. There are 12 red counters. How many blue counters are there?

- A. 3 B. 4 C. 6 D. 9 E. 36

Q7. Three identical pens cost £1.50. How much do five of these pens cost?

- A. £2.00 B. £2.25 C. £2.50 D. £3.00 E. £3.50

Q8. A bag holds red and green counters in the ratio 2 : 3. There are 15 counters altogether. How many are green?

- A. 5 B. 6 C. 9 D. 10 E. 12

Q9. Write the ratio 20 : 50 in its simplest form.

- A. 2 : 5 B. 5 : 2 C. 1 : 2 D. 4 : 5 E. 1 : 5

Q10. For every 4 sweets Tom is given, Sam is given 1 sweet. Tom is given 20 sweets. How many sweets is Sam given?

- A. 4 B. 5 C. 16 D. 24 E. 80

Q11. Which of these ratios is equivalent to 3 : 4?

- A. 6 : 8 B. 6 : 7 C. 9 : 16 D. 4 : 3 E. 12 : 15

Q12. On a plan, 1 cm represents 2 m. A wall is drawn 5 cm long. How long is the real wall?

- A. 2.5 m B. 7 m C. 10 m D. 20 m E. 25 m

Q13. Four tins of beans cost £3.00. How much do eight tins cost?

- A. £3.75 B. £4.50 C. £6.00 D. £6.50 E. £12.00

Q14. On a farm the ratio of cats to dogs is 5 : 2. There are 10 cats. How many dogs are there?

- A. 2 B. 4 C. 5 D. 7 E. 25

Q15. 25 sweets are shared in the ratio 1 : 4. How many sweets are in the smaller share?

- A. 4 B. 5 C. 6 D. 20 E. 21