

Ratio & Proportion: Easy Practice Paper 5

Q1. Write the ratio 14 : 21 in its simplest form.

- A. 2 : 3 B. 3 : 2 C. 1 : 7 D. 7 : 3 E. 2 : 7

Q2. In a pet shop the ratio of cats to dogs is 3 : 4. There are 12 dogs. How many cats are there?

- A. 6 B. 7 C. 9 D. 11 E. 16

Q3. A recipe uses 250 g of flour to make 10 pancakes. How much flour is needed for 4 pancakes?

- A. 25 g B. 40 g C. 100 g D. 125 g E. 150 g

Q4. £36 is shared in the ratio 4 : 5. How much is the bigger share?

- A. £4 B. £16 C. £18 D. £20 E. £24

Q5. Six identical chairs cost £150. How much do four of these chairs cost?

- A. £75 B. £90 C. £100 D. £110 E. £120

Q6. A bag holds 24 counters. The ratio of black counters to white counters is 1 : 2. How many white counters are there?

- A. 8 B. 12 C. 14 D. 16 E. 18

Q7. Write the ratio 100 : 250 in its simplest form.

- A. 2 : 5 B. 5 : 2 C. 1 : 3 D. 4 : 5 E. 1 : 25

Q8. A tap leaks 3 litres of water every 4 hours. How much water leaks in 12 hours?

- A. 6 litres B. 9 litres C. 11 litres D. 12 litres E. 16 litres

Q9. A model train is made to a scale of 1 : 50. A model carriage is 6 cm long. How long is the real carriage?

- A. 56 cm B. 150 cm C. 250 cm D. 300 cm E. 500 cm

Q10. A drink is made from squash and water in the ratio 1 : 5. A jug holds 600 ml of the drink. How much squash is in the jug?

- A. 100 ml B. 120 ml C. 150 ml D. 200 ml E. 500 ml

Q11. A printer prints 24 pages in 3 minutes. How many pages does it print in 7 minutes?

- A. 28 B. 48 C. 56 D. 64 E. 72

Q12. Write the ratio of 20 minutes to 1 hour in its simplest form.

- A. 1 : 3 B. 3 : 1 C. 1 : 2 D. 20 : 1 E. 1 : 20

Q13. 25 counters are shared in the ratio 2 : 3. How many counters are in the larger share?

- A. 5 B. 10 C. 12 D. 15 E. 20

Q14. Eight metres of ribbon cost £6.00. How much do 12 metres of the same ribbon cost?

- A. £7.50 B. £8.00 C. £9.00 D. £10.00 E. £12.00

Q15. In a flower bed the ratio of red flowers to yellow flowers is 5 : 6. There are 30 red flowers. How many yellow flowers are there?

A. 25

B. 31

C. 35

D. 36

E. 40

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