Ratio & Proportion: Easy Practice Paper 3

Q1. Write the ratio 25 : 35 in its simplest form.

A. 5 : 7 B. 7 : 5 C. 1 : 2 D. 5 : 6 E. 2 : 3

Q2. A recipe uses 3 eggs to make 12 buns. How many eggs are needed for 20 buns?

A. 4 B. 5 C. 6 D. 8 E. 15

Q3. In a club the ratio of boys to girls is 4 : 5. There are 20 boys. How many girls are there?

A. 16 B. 21 C. 24 D. 25 E. 30

Q4. 30 marbles are shared in the ratio 1 : 5. How many marbles are in the larger share?

A. 5 B. 6 C. 20 D. 24 E. 25

Q5. Seven kilograms of potatoes cost £4.90. What is the cost of 1 kg?

A. 50p B. 60p C. 70p D. 80p E. 90p

Q6. A model car is built to a scale of 1 : 20. The model is 8 cm long. How long is the real car?

A. 28 cm B. 80 cm C. 120 cm D. 160 cm E. 200 cm

Q7. Squash and water are mixed in the ratio 1 : 4. If 200 ml of squash is used, how much water is needed?

A. 50 ml B. 400 ml C. 600 ml D. 800 ml E. 1000 ml

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Q8. A class of 28 pupils has boys and girls in the ratio 3 : 4. How many girls are in the class?

A. 4 B. 7 C. 12 D. 16 E. 21

Q9. Write the ratio 12 : 4 in its simplest form.

A. 3 : 1 B. 1 : 3 C. 4 : 1 D. 6 : 1 E. 2 : 1

Q10. Three tickets cost £21. How much do seven tickets cost?

A. £25 B. £35 C. £42 D. £49 E. £63

Q11. Two lengths of ribbon are in the ratio 2 : 3. The shorter ribbon is 10 cm long. How long is the longer ribbon?

A. 12 cm B. 13 cm C. 15 cm D. 20 cm E. 30 cm

Q12. Five tins of paint cover a wall of 20 m². How many tins are needed to cover 32 m²?

A. 6 B. 7 C. 8 D. 9 E. 10

Q13. Money is shared in the ratio 2 : 3. What fraction of the total money is the smaller share?

A. 2/3 B. 2/5 C. 3/5 D. 1/2 E. 1/3

Q14. Nine pencils cost £2.70. How many of these pencils can be bought for £3.60?

A. 10 B. 11 C. 12 D. 13 E. 15

Q15. On a farm the ratio of sheep to cows is 7 : 2. There are 14 sheep. How many cows are there?

A. 2 B. 4 C. 7 D. 9 E. 49

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