

Ratio & Proportion: Easy Practice Paper 2

Q1. Write the ratio 8 : 12 in its simplest form.

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

Q2. A recipe for 4 people uses 200 g of rice. How much rice is needed for 6 people?

- A. 250 g B. 300 g C. 350 g D. 400 g E. 600 g

Q3. Six apples cost £1.80. How much do four apples cost?

- A. £1.00 B. £1.10 C. £1.20 D. £1.30 E. £1.44

Q4. Blue paint and yellow paint are mixed in the ratio 2 : 5. If 10 litres of blue paint are used, how much yellow paint is needed?

- A. 4 litres
B. 12.5 litres
C. 20 litres
D. 25 litres
E. 50 litres

Q5. 24 sweets are shared between two children in the ratio 1 : 2. How many sweets does the child with more sweets get?

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

Q6. A car travels 60 km in one hour at a steady speed. How far does it travel in 3 hours?

- A. 20 km B. 63 km C. 120 km D. 180 km E. 240 km

Q7. In a bag the ratio of red beads to blue beads is 3 : 5. What fraction of the beads are red?

- A. $\frac{3}{5}$ B. $\frac{3}{8}$ C. $\frac{5}{8}$ D. $\frac{1}{3}$ E. $\frac{1}{5}$

Q8. Five identical books weigh 2 kg. How much do fifteen of these books weigh?

- A. 4 kg B. 5 kg C. 6 kg D. 7.5 kg E. 30 kg

Q9. Which of these ratios is equivalent to 5 : 2?

- A. 10 : 4 B. 10 : 5 C. 15 : 4 D. 7 : 4 E. 2 : 5

Q10. A machine fills 120 bottles in 4 minutes. How many bottles does it fill in 10 minutes?

- A. 126 B. 240 C. 300 D. 360 E. 480

Q11. £45 is shared in the ratio 2 : 7. How much is the smaller share?

- A. £5 B. £9 C. £10 D. £15 E. £35

Q12. A photograph measures 6 cm by 4 cm. It is enlarged so that the longer side becomes 18 cm. How long is the shorter side now?

- A. 6 cm B. 8 cm C. 12 cm D. 16 cm E. 24 cm

Q13. In a game, £1 is worth 5 zeds. How many zeds are worth £7?

- A. 12 B. 25 C. 30 D. 35 E. 40

Q14. On a school trip the ratio of teachers to children is 1 : 6. There are 4 teachers. How many children are there?

- A. 10 B. 18 C. 20 D. 24 E. 28

Q15. A tap fills 8 litres of water in 2 minutes. How long does it take to fill 20 litres?

- A. 4 minutes
B. 5 minutes
C. 6 minutes
D. 8 minutes
E. 10 minutes

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