Practical quantities

6 questions | 12 marks

Equivalent correct methods earn the corresponding marks.

1. Find $\frac{2}{5}$ of 35 counters. [2 marks]

$35 \div 5 = 7$; $2 \times 7 = 14$.

Answer: 14 counters.

2. Find $\frac{3}{8}$ of 64 centimetres. [2 marks]

$64 \div 8 = 8$; $3 \times 8 = 24$.

Answer: 24 cm.

3. A tank holds 48 litres. It is $\frac{5}{6}$ full. How much water is in it? [2 marks]

$48 \div 6 = 8$; $5 \times 8 = 40$.

Answer: 40 L.

4. One third of a number is 9. Find the number. [2 marks]

Three equal thirds make $3 \times 9 = 27$.

Answer: 27.

5. A 24-kilometre journey is $\frac{3}{4}$ complete. How much further remains? [2 marks]

One quarter remains: $24 \div 4 = 6$.

Answer: 6 km.

6. A baker has 20 equal rolls and sells $\frac{3}{5}$ of them. How many remain? [2 marks]

$\frac{3}{5}$ of 20 is 12; $20 - 12 = 8$.

Answer: 8 rolls.