Decimal metric conversions

6 questions | 7 marks

Equivalent correct methods earn the corresponding marks.

1. Convert 3.25 m to centimetres. [1 mark]

$3.25 \times 100 = 325$.

Answer: 325 cm.

2. Convert 740 cm to metres. [1 mark]

$740 \div 100 = 7.4$.

Answer: 7.4 m.

3. Convert 0.85 kg to grams. [1 mark]

$0.85 \times 1,000 = 850$.

Answer: 850 g.

4. Convert 1,250 mL to litres. [1 mark]

$1,250 \div 1,000 = 1.25$.

Answer: 1.25 L.

5. A walk is 2.3 km. How many metres is that? [1 mark]

$2.3 \times 1,000 = 2,300$.

Answer: 2,300 m.

6. A learner writes $4.2\,\text{m} = 42\,\text{cm}$. Explain the error and correct it. [2 marks]

Each metre contains 100 centimetres, not 10.

Answer: $4.2\,\text{m} = 420\,\text{cm}$.