Decimal metric conversions

6 questions | 7 marks

Equivalent correct methods earn the corresponding marks.

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

3.25×100=325.

Answer: 325 cm.

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

740÷100=7.4.

Answer: 7.4 m.

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

0.85×1,000=850.

Answer: 850 g.

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

1,250÷1,000=1.25.

Answer: 1.25 L.

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

2.3×1,000=2,300.

Answer: 2,300 m.

6. A learner writes 4.2 m=42 cm. Explain the error and correct it. [2 marks]

Each metre contains 100 centimetres, not 10.

Answer: 4.2 m=420 cm.