

1/4/2020

LO: convert units of measure

Convert the following units of metric measure:

A1) $2.35\text{km} = \underline{\hspace{2cm}}\text{m}$

A2) $3780\text{ml} = \underline{\hspace{2cm}}\text{l}$

A3) $14,738\text{g} = \underline{\hspace{2cm}}\text{kg}$

A4) $26\text{mm} = \underline{\hspace{2cm}}\text{cm}$

A5) $4.3\text{m} = \underline{\hspace{2cm}}\text{cm}$

A6) $58\text{mm} = \underline{\hspace{2cm}}\text{m}$

Convert the units of metric measure to solve the following:

B1) $3.8\text{km} + 4,860\text{m}$

B2) $2.5\text{l} - 1,375\text{ml}$

B3) $2\text{m} \times 5 = \underline{\hspace{2cm}}\text{cm}$

B4) $8000\text{g} \div 5 = \underline{\hspace{2cm}}\text{kg}$

5 miles are roughly equal to 8 kilometres. Use this knowledge to help you calculate the following:

C0) 5 miles = 8 km

C1) 10 miles = $\underline{\hspace{2cm}}$ km

C2) 20 miles = $\underline{\hspace{2cm}}$ km

C3) 50 miles = $\underline{\hspace{2cm}}$ km

C4) 4 km = $\underline{\hspace{2cm}}$ miles

C5) 24km = $\underline{\hspace{2cm}}$ miles

C6) 1.5 miles = $\underline{\hspace{2cm}}$ km

D1) An Olympic racetrack is 400 metres all the way around. Eva runs 10 km.

How many laps does Eva run?

D2) Dani is collecting rainwater in a 1-litre jug. On Monday, she collects 220 ml of water. On Tuesday, she collects a quarter of a litre of water. At the end of Wednesday, Dani sees she only needs another 0.1 litres until her jug is full. **How much water did Dani collect on Wednesday?**

D3) Jack wants to find out the mass of his suitcase. Jack weighs 34.5 kg. He steps onto the scales and it shows 47 kg and 200 g. **How heavy is his suitcase?**