

MARKING STATION

31 March 2020 (Converting Units)

Convert the following units of metric measure:

A1) $2.35\text{km} = 2,350\text{m}$

A2) $3780\text{ml} = 3.78\text{l}$

A3) $14,738\text{g} = 14.738\text{kg}$

A4) $26\text{mm} = 2.6\text{cm}$

A5) $4.3\text{m} = 430\text{cm}$

A6) $58\text{mm} = 0.058\text{m}$

Convert the units of metric measure to solve the following:

B1) $3.8\text{km} + 4,860\text{m} = 8,660\text{m}$ or 8.66km

B2) $2.5\text{l} - 1,375\text{ml} = 1,125\text{ml}$ or 1.125l

B3) $2\text{m} \times 5 = 1,000\text{cm}$

B4) $8000\text{g} \div 5 = 1.6\text{kg}$

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

C0) 5 miles = 8km

C1) 10 miles = 16km

C2) 20 miles = 32km

C3) 50 miles = 80km

C4) 4 km = 2.5 miles

C5) 24km = 15 miles

C6) 1.5 miles = 2.4km

D1) 25 laps

D2) 430ml

D3) 12.7kg (or $12,700\text{g}$)