



MUST

M1. Convert the following from cm to mm ($1 \text{ cm} = 10 \text{ mm}$)

- a) 2 cm b) 19 cm c) 2.1 cm d) 0.4 cm e) 18.4 cm

M2. Convert the following from mm to cm ($10 \text{ mm} = 1 \text{ cm}$)

- a) 70 mm b) 220 mm c) 87 mm d) 3 mm e) 671 mm

M3. Convert the following from m to cm ($1 \text{ m} = 100 \text{ cm}$)

- a) 2 m b) 1.31 m c) 7.10 m d) 0.1 m e) 14.4 m

M4. Convert the following from cm to m ($100 \text{ cm} = 1 \text{ m}$)

- a) 700 cm b) 462 cm c) 702 cm d) 83 cm e) 4720 cm



SHOULD

S1. Convert the following from km to m ($1 \text{ km} = 1000 \text{ m}$)

- a) 2 km b) 1.381 km c) 5.04 km d) 0.8 km e) 4.06 km

S2. Convert the following from m to km ($1000 \text{ m} = 1 \text{ km}$)

- a) 2000 m b) 8462 m c) 981 m d) 4 m e) 472 m

S3. Convert the following from m to mm ($1 \text{ m} = 1000 \text{ mm}$)

- a) 7 m b) 1.301 m c) 0.84 m d) 0.9 m e) 0.008 m

S4. Convert the following from mm to m ($1000 \text{ mm} = 1 \text{ m}$)

- a) 7000 mm b) 4062 mm c) 919 mm d) 8 mm e) 4020 mm

The following exercise involves the “four operations” and some have mixed units ... think about what you need to do first.

COULD

C1.

- a) $4.6 \text{ km} + 2.17 \text{ km}$ b) $7.32 \text{ m} - 2.5 \text{ m}$ c) $10.5 \text{ m} + 7.74 \text{ m}$

C2.

- a) $4.65 \text{ km} + 700 \text{ m}$ b) $2.32 \text{ m} + 85 \text{ cm}$ c) $95 \text{ cm} + 37 \text{ mm}$

C3

- a) $12.45 \text{ m} \times 4$ b) $40.5 \text{ mm} \div 9$ c) $9.6 \text{ mm} \times 8$

C4.

- a) $9.5 \text{ m} + 174 \text{ cm}$ b) $3.16 \text{ m} + 1200 \text{ m}$ c) $4.32 \text{ m} - 25 \text{ cm}$

FINISHED?



Have a go at the following *extension questions*:

- 1) A plank of wood is 4.2 m long. A piece 65 cm is sawn off. What is the length of the remaining wood?
- 2) Five students measure their height. Abbie is 1.6 metres, Bobbie is 175 centimetres, Carl is the same height as Dawn who is 156 centimetres and Eric is 1.83 metres. What is their total height?
- 3) Jamie is installing copper pipe for a new central heating system. It takes him three days. On the first day he installs 460 cm of pipe. On the second he installs 4.2 metres and on the final day he installs 890 cm. What is the total length of copper pipe that he installs?