

1. How many :-

- a centimetres are there in 1 metre
- b metres are there in 1 kilometre
- c millimetres are there in 1 centimetre
- d millimetres are there in 1 metre
- e centimetres are there in 1 kilometre
- f millimetres are there in 1 kilometre ?



Since $1 \text{ cm} = 10 \text{ mm}$, how many millimetres are there in :-

- | | | | |
|-------------|--------------|--------------|-------------|
| a 4 cm | b 7 cm | c 18 cm | d half a cm |
| e 8 cm 5 mm | f 12 cm 2 mm | g 17 cm 8 mm | h 6 cm 6 mm |
| i 2.5 cm | j 8.3 cm | k 14.6 cm | l 59.9 cm ? |

Since $10 \text{ mm} = 1 \text{ cm}$, how many centimetres are equal to :-

- | | | | |
|----------|-----------|----------|----------|
| a 30 mm | b 60 mm | c 80 mm | d 140 mm |
| e 65 mm | f 78 mm | g 300 mm | h 800 mm |
| i 450 mm | j 5000 mm | k 2 mm | l 9 mm ? |

4. Since $1 \text{ m} = 100 \text{ cm}$, how many centimetres are there in :-

- | | | | |
|-------------|----------|---------|----------------------------|
| a 4 m | b 7 m | c 16 m | d quarter of a metre |
| e 23 m | f 67 m | g 300 m | h $\frac{3}{4}$ of a metre |
| i 3 m 70 cm | j 6.02 m | k 0.8 m | l 0.03 m ? |

5. Remember, $100 \text{ cm} = 1 \text{ m}$. How many metres are there in :-

- | | | | |
|----------|----------|-----------|--------------|
| a 600 cm | b 900 cm | c 1200 cm | d 100 000 cm |
| e 330 cm | f 840 cm | g 60 cm | h 35 cm ? |

6. $1 \text{ km} = 1000 \text{ m}$. Write down how many metres there are in :-

- | | | | |
|----------|--------------|--------------|--------------------|
| a 4 km | b 15 km | c 27 km | d half a kilometre |
| e 50 km | f 4 km 250 m | g 6 km 900 m | h 1 km 80 m |
| i 8.3 km | j 14.7 km | k 4.95 km | l 0.4 km. |

7. $1000 \text{ m} = 1 \text{ km}$. Write down how many kilometres there are in :-

- | | | | |
|------------|------------|------------|--------------|
| a 3000 m | b 16 000 m | c 400 m | d 9500 m |
| e 16 200 m | f 3750 m | g 4820 m | h 8750 m |
| i 510 m | j 820 m | k 13 800 m | l 700 000 m. |

8. Put these four lengths in order, **largest** first :-

8 cm 4 mm - 8.1 cm - 82 mm - 8 cm.

9. Put these four lengths in order, **smallest** first :-

3 m 80 cm - 3.9 m - 308 cm - 4 m.

10.



Janine measures the length of her bed. It is 2100 mm.

What is its length in :- a centimetres b metres ?

11. A garden hose is 2800 cm long. How long is this in metres ?

