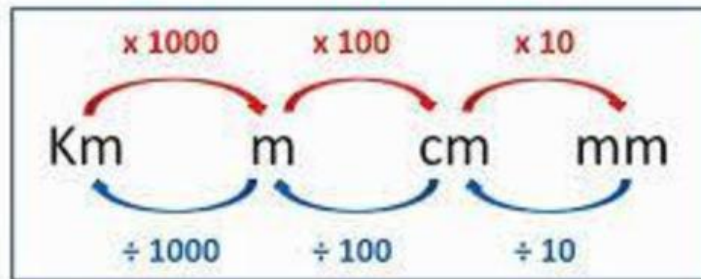


## Converting LENGTH Units

It is easiest to use a conversion look-up diagram like the one below.



5km = ? m    **Need to  $\times 1000$**      $5 \times 1000 = 5000\text{m}$  ✓  
120cm = ? m    **Need to  $\div 100$**      $120 \div 100 = 1.2\text{m}$  ✓

) Convert between centimeters (cm) and meters (m).

1) 300 cm = \_\_\_\_\_ m      2) 11 m = \_\_\_\_\_ cm

3) 52 m = \_\_\_\_\_ cm      4) 4,300 cm = \_\_\_\_\_ m

5) 9,900 cm = \_\_\_\_\_ m      6) 27 m = \_\_\_\_\_ cm

) Compare using <, >, or =.

1) 26,991 m  27 km      2) 48 km  47,789 m

3) 92 km  92,000 m      4) 75,886 m  76 km

5) 50,025 m  50 km      6) 7 km  7,000 m

7) 13 km  13,335 m      8) 65,260 m  65 km

Complete the unit conversion table.

|            |   |        |    |        |    |        |
|------------|---|--------|----|--------|----|--------|
| kilometers | 3 |        | 37 |        | 75 |        |
| meters     |   | 12,000 |    | 56,000 |    | 94,000 |

) Convert between kilometers (km) and meters (m).

1) 8 km = \_\_\_\_\_ m      2) 17,000 m = \_\_\_\_\_ km

3) 42,000 m = \_\_\_\_\_ km      4) 64 km = \_\_\_\_\_ m

5) 73 km = \_\_\_\_\_ m      6) 85,000 m = \_\_\_\_\_ km

1. Convert 65cm6mm into millimetre

2. Convert the following into centimeters:

(i) 4 m

(ii) 10 m

3. Convert 3 m 55 cm to cm

4. Convert 17 m 8 cm to cm

5. Convert 6 m 67 cm to cm

6. Convert 5 km 352 m to km

7. Convert 15 cm 7mm to mm

i Convert between centimeters (cm) and millimeters (mm).

1) 45 cm = \_\_\_\_\_ mm

2) 250 mm = \_\_\_\_\_ cm

3) 520 mm = \_\_\_\_\_ cm

4) 13 cm = \_\_\_\_\_ mm

) Convert between centimeters (cm) and millimeters (mm).

1) 210 mm = \_\_\_\_\_ cm

2) 36 cm = \_\_\_\_\_ mm

3) 67 cm = \_\_\_\_\_ mm

4) 840 mm = \_\_\_\_\_ cm

