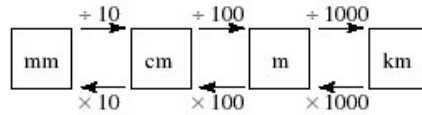


Converting units of length

To convert units of length, the following chart could be useful.



WORKED Example

Convert each of the following to the units given in brackets:

a 20 m (cm)

b 3000 m (km)

THINK

a **1** To convert from larger units to smaller, we need to multiply. Since 1 m = 100 cm, multiply by 100.

2 Write the answer.

b **1** To convert from smaller units to larger, we need to divide. Since 1 km = 1000 m, divide by 1000.

2 Write the answer.

WRITE

a $20 \times 100 = 2000$

$20 \text{ m} = 2000 \text{ cm}$

b $3000 \div 1000 = 3$

$3000 \text{ m} = 3 \text{ km}$

Try these

Convert each of the following to the units given in brackets.

1 20 m (cm)

2 350 m (cm)

3 5 m (cm)

4 10 km (cm)

5 400 km (cm)

6 5000 km (m)

7 200 cm (m)

8 500 mm (cm)

9 8000 m (km)

10 200 000 cm (km)

11 50 cm (m)

12 750 m (km)

13 78 m (cm)

14 25 km (cm)

15 8 m (cm)

16 300 m (cm)

Write your answers here:

1	
2	
3	
4	
5	
6	
7	
8	

9	
10	
11	
12	
13	
14	
15	
16	