Converting metric units

1

Convert 4.5 m into cm.

m	1	→	4.5
cm	100	× 4.5 →	

Working: 100 × 4.5 = ☐

Answer _____

2

Convert 2.6 kg into g.

kg		→	2.6
g		× →	

Fact: 1 kg = ☐ g

Working: ☐ × ☐ = ☐

Answer _____

3

Convert 3700 g into kg.

kg	1	→	
g	1000	× →	3700

Multiplier: 3700 ÷ 1000 = ☐

Answer _____

4

Convert 0.9 litres into ml.

litres		→	0.9
ml		× →	

Fact _____

Working _____

Answer _____

5

Convert 46 mm into cm.

cm		→	
mm		× →	46

Fact _____

Multiplier _____

Answer _____

6

Which is longer, 0.7 km or 680 m?
Show how you know.

Answer _____

7

Convert 850 cm into metres.
Jay multiplies by 100 and says
85 000 m. Explain his mistake, then
find the right answer.

Answer _____

8

A jug has 1.4 litres of water in it.
Kim pours in 250 ml more.
How much water is in the jug now,
in ml?

Answer _____

Converting metric units *further practice*

9

Convert 6.05 m into cm.

Answer _____

10

Convert 4750 ml into litres.

Answer _____

11

Write these masses in order, lightest first.
1.3 kg 1250 g 1.09 kg

Answer _____

12

Convert 1.6 km into cm.

Answer _____

13

A plank is 2.5 m long. Ben cuts 70 cm off it. How long is the rest of the plank, in cm?

Answer _____

14

Convert 45 000 mm into metres.

Answer _____

15

A bottle holds 1.5 litres of juice.
How many 250 ml glasses can you fill from the bottle?

Answer _____

16

Lily says 3 kg and 40 g is the same as 3.4 kg. Is she right?
Explain how you know.

Answer _____