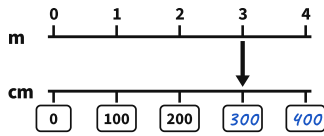


Converting Metric Units on a Double Number Line

ANSWERS

1

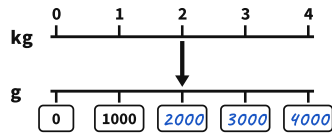
Write 3 m in cm. Fill in the small units. Find the number on one line. Read straight across.



Answer 300 cm

2

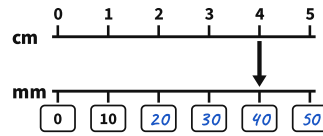
Write 2 kg in g. Fill in the small units. Find the number on one line. Read straight across.



Answer 2000 g

3

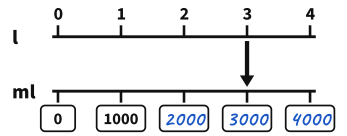
Write 4 cm in mm. Fill in the small units. Find the number on one line. Read straight across.



Answer 40 mm

4

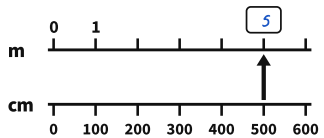
Write 3 l in ml. Fill in the small units. Find the number on one line. Read straight across.



Answer 3000 ml

5

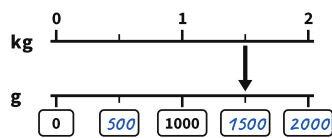
Write 500 cm in metres. Find 500 on the cm line. Read straight up.



Answer 5 m

6

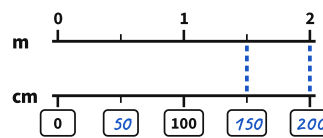
Write 1.5 kg in grams. The small marks are halves.



Answer 1500 g

7

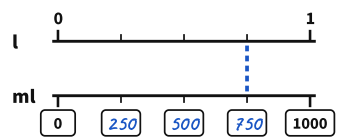
Which is longer, 2 m or 150 cm? Mark both on the line.



Longer 2 m (200 cm)

8

A carton holds 1 litre of juice. Ella drinks 250 ml. How much is left?



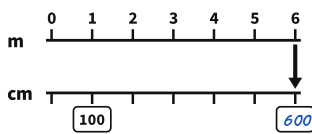
Left 750 ml

Converting Metric Units on a Double Number Line *further practice*

ANSWERS

9

Write 6 m in cm. How many small units make 1 big unit? Big to small: multiply by it. Small to big: divide by it.

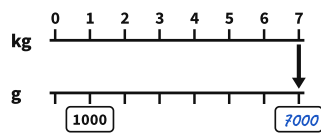


$$1 \text{ m} = 100 \text{ cm}$$

$$6 \text{ m} \times 100 = 600 \text{ cm}$$

10

Write 7 kg in g. How many small units make 1 big unit? Big to small: multiply by it. Small to big: divide by it.



$$1 \text{ kg} = 1000 \text{ g}$$

$$7 \text{ kg} \times 1000 = 7000 \text{ g}$$

11

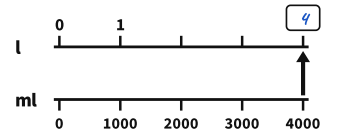
Write 9 cm in mm.

$$1 \text{ cm} = 10 \text{ mm}$$

$$9 \text{ cm} \times 10 = 90 \text{ mm}$$

12

Write 4000 ml in litres. Small to big: divide.

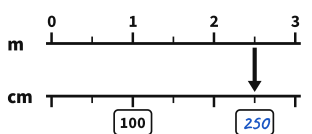


$$1 \text{ l} = 1000 \text{ ml}$$

$$4000 \text{ ml} \div 1000 = 4 \text{ l}$$

13

Write 2.5 m in centimetres.

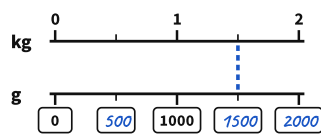


$$1 \text{ m} = 100 \text{ cm}$$

$$2.5 \text{ m} \times 100 = 250 \text{ cm}$$

14

A recipe needs 1.5 kg of potatoes. Tom has a 1200 g bag. Is that enough?



1.5 kg is 1500 g

Enough? No, 300 g short

15

Put these lengths in order, shortest first. Change them all to cm first.

1.2 m

90 cm

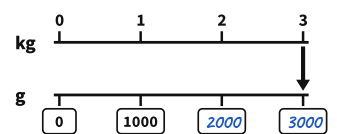
2 m

150 cm

90 cm, 1.2 m, 150 cm, 2 m

16

Sam says 3 kg = 300 g. Is Sam right? Explain.



No. 1 kg = 1000 g,

so 3 kg = 3000 g.