

Today you will need:

- A pencil
- A ruler
- Your paper or workbook
- A coloured pencil

Do now – before your date and title!

1) $36.7 \times 1000 =$

2) $1.24 \div 10 =$

3) $1\frac{2}{3} + 4\frac{1}{4} =$

3 MINUTES

Do now – before your date and title!

$$1) 36.7 \times 1000 = 36,700$$

$$2) 1.24 \div 10 = 0.124$$

$$3) 1\frac{2}{3} + 4\frac{1}{4} = \frac{71}{12} = 5\frac{11}{12}$$

3 MINUTES

24/02/2021

Calculating with Metric Measures

1) Complete the sentences.

There are _____ grams in 1 kilogram.

There are _____ kilograms in 1 tonne.

There are _____ millimetres in 1 centimetre.

There are _____ centimetres in 1 metre.

There are _____ metres in 1 kilometre.

2) Complete the conversions.

3 kg = _____ g

7,000 m = _____ km

3.5 kg = _____ g

2.9 km = _____ m

3) There are _____ mm in 10 cm

1) Complete the sentences.

There are 1,000 grams in 1 kilogram.

There are 1,000 kilograms in 1 tonne.

There are 10 millimetres in 1 centimetre.

There are 100 centimetres in 1 metre.

There are 1,000 metres in 1 kilometre.

2) Complete the conversions.

$$3 \text{ kg} = \underline{3,000} \text{ g}$$

$$7,000 \text{ m} = \underline{7} \text{ km}$$

$$3.5 \text{ kg} = \underline{3,500} \text{ g}$$

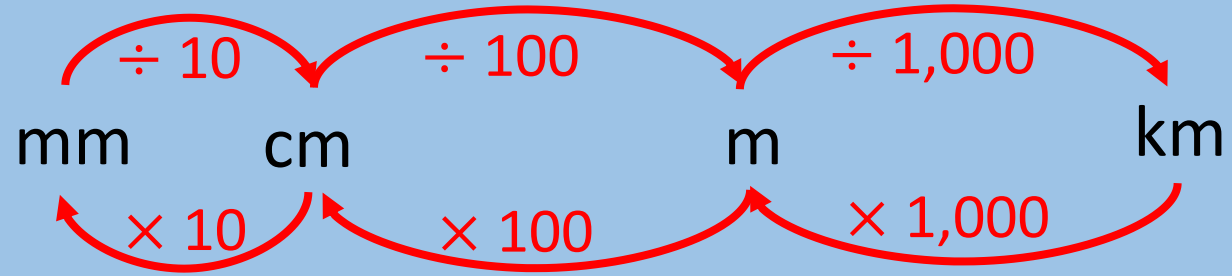
$$2.9 \text{ km} = \underline{2,900} \text{ m}$$

3) There are 100 mm in 10 cm

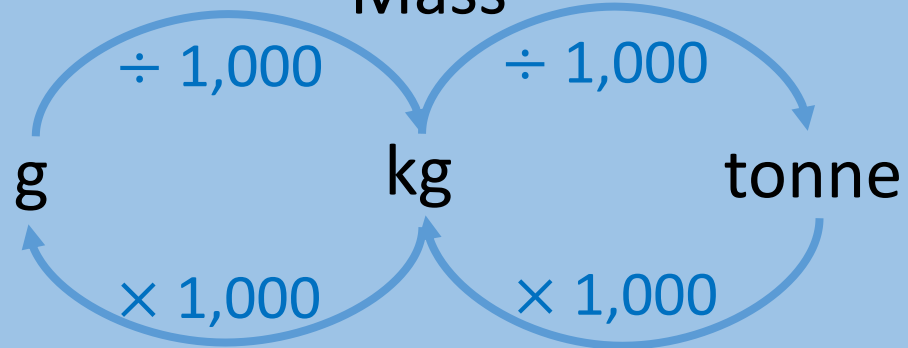


- 1 a) How much more water does Bella's watering can hold than Reena's?
- b) If the children use water from the container to fill their watering cans, how much water will be left in the container?

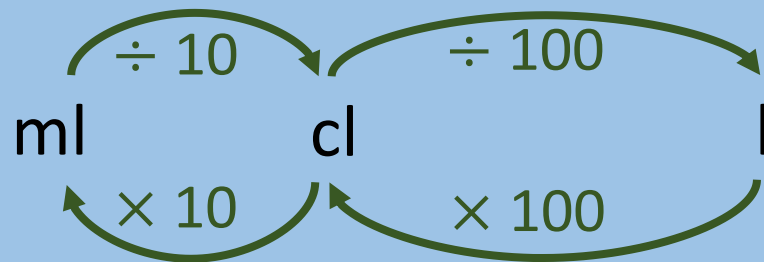
Length



Mass



Capacity

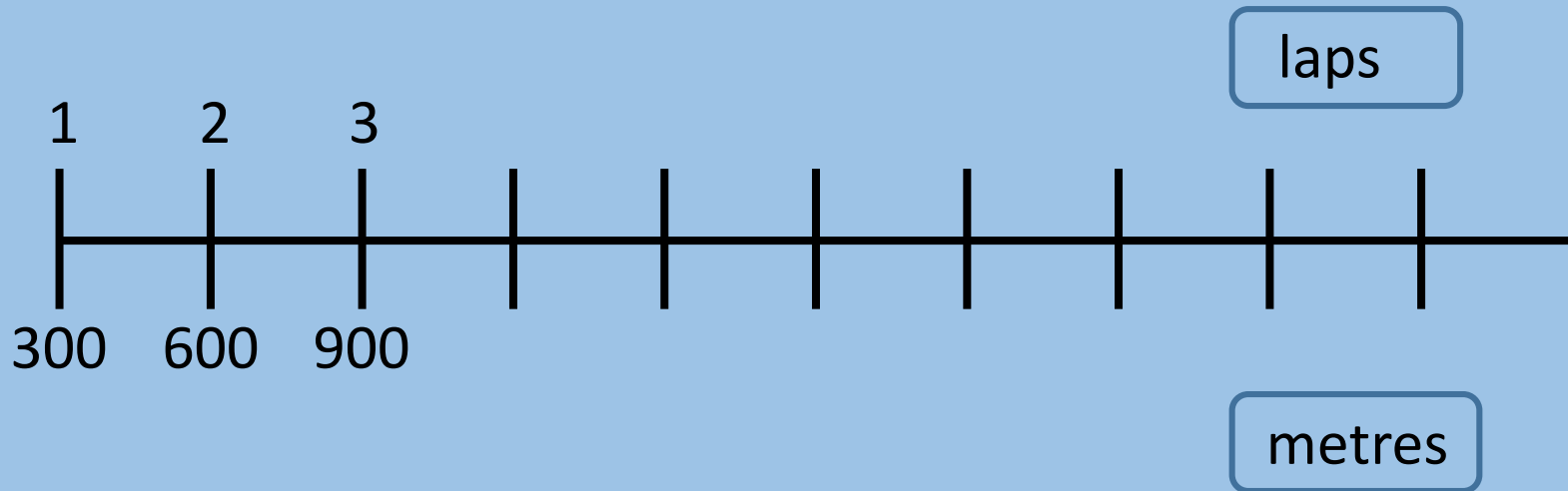


Eva, Alex, Ron, Amir and Mo are running around their school playground.

1 lap of the school playground is 300 m.

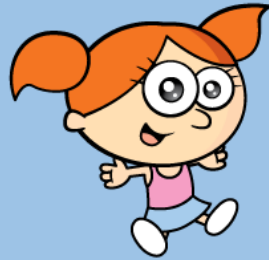


Eva runs 3 laps.
How far does she run?



Eva, Alex, Ron, Amir and Mo are running around their school playground.

1 lap of the school playground is 300 m.



Alex runs 5 laps.

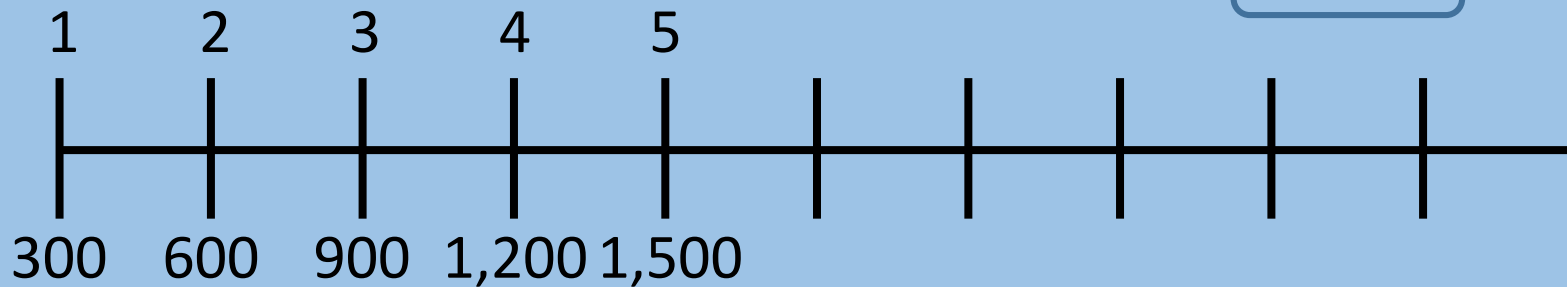
How far does she run?

Write your answer in kilometres.

Have a think



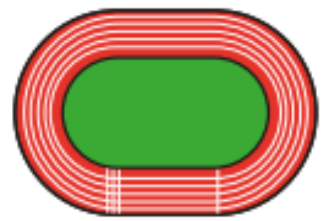
laps



metres

Your turn!

- 1 An Olympic racetrack is 400 metres all the way around.



- a) Jack runs 2 laps.

How far does Jack run?

 m

- b) Rosie runs 3 laps.

How far does Rosie run?

Write your answer in metres and kilometres.

 m km

- c) Amir runs 4 km.

How many laps does Amir run?

- d) Eva runs 10 km.

How many laps does Eva run?

- 2 Mo has 2 litres of orange juice.

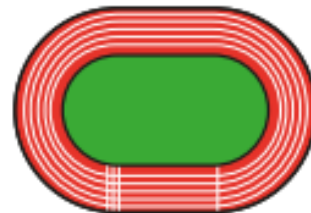
He drinks 200 ml.

He then shares the rest equally between 6 glasses.

How much orange juice is poured into each glass?

Your turn!

- 1 An Olympic racetrack is 400 metres all the way around.



- a) Jack runs 2 laps.
How far does Jack run?

800 m

- b) Rosie runs 3 laps.
How far does Rosie run?
Write your answer in metres and kilometres.

1,200 m

1.2 km

- c) Amir runs 4 km.
How many laps does Amir run?

10

- d) Eva runs 10 km.
How many laps does Eva run?

25

- 2 Mo has 2 litres of orange juice.
He drinks 200 ml.
He then shares the rest equally between 6 glasses.
How much orange juice is poured into each glass?

300 ml



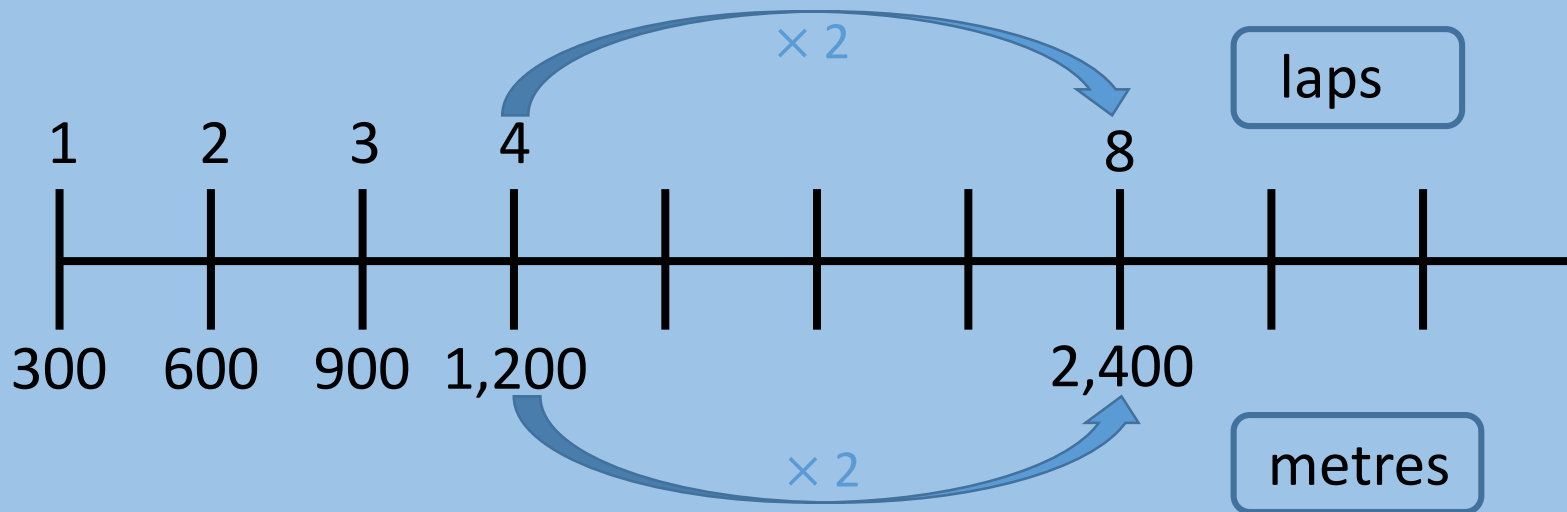
Eva, Alex, Ron, Amir and Mo are running around their school playground.

1 lap of the school playground is 300 m.



Ron runs 2.4 km
How many laps does he run?

Have a think



Eva, Alex, Ron, Amir and Mo are running around their school playground.

1 lap of the school playground is 300 m.



Amir runs 900 m
Mo runs 2.1 km

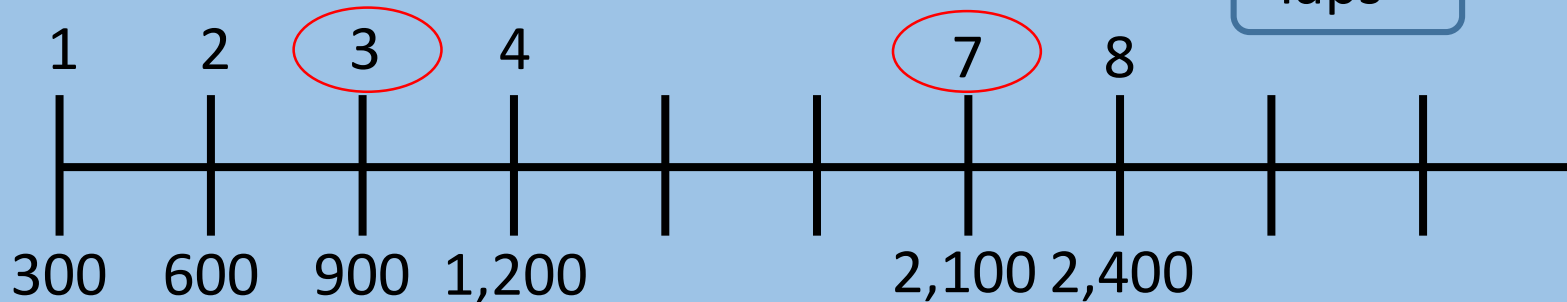


How many more laps did Mo run?

Have a think



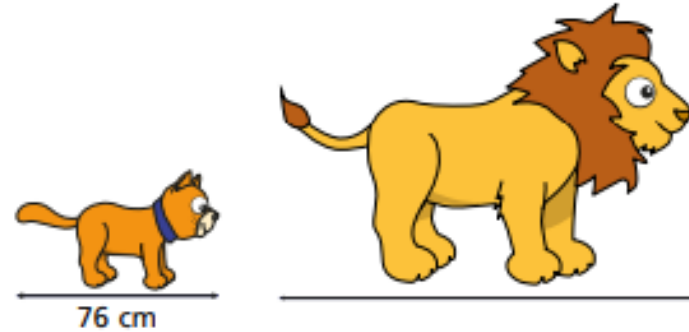
laps



metres

Your turn!

- 3 A cat measures 76 cm from its nose to its tail.



The length of a lion is 3 times as long as a cat.

How long is a lion?

Give your answer in **metres**.

- 4 The length of a swimming pool is 25 m.

Rosie swims 600 m.

Tommy swims 1 km.

How many more lengths did Tommy swim than Rosie?

Your turn!



76 cm



The length of a lion is 3 times as long as a cat.

How long is a lion?

Give your answer in **metres**.

2.28m

- 4 The length of a swimming pool is 25 m.
Rosie swims 600 m.
Tommy swims 1 km.
How many more lengths did Tommy swim than Rosie?

Tommy has 2 litres of orange juice.



He pours 450 ml for Dexter.

He gives a quarter of a litre to Dora.

He drinks 350 ml himself.

How much orange juice is left?
Give your answer in ml.

Have a think



A bag contains 20 apples.



Each apple has a mass of 75 g.

The bag itself has a mass of 18 g.

Jack has some bags of apples.



The total mass is 9.108 kg.

How many bags of apples does Jack have?

Have a think



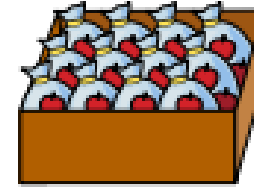
Your turn!

5

A bag of apples weighs 350 g.



A box can hold 12 bags
of apples.



What would be the mass of 20 boxes of apples?

Give your answer in **kilograms**.

6

Dani is collecting rainwater in a 1-litre jug.

On Monday, she collects 220 ml of water.

On Tuesday, she collects a quarter of a litre of water.

At the end of Wednesday, Dani sees she only needs another
0.1 litres until her jug is full.

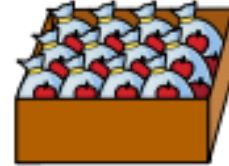
How much water did Dani collect on Wednesday?

Your turn!

- 5 A bag of apples weighs 350 g.



A box can hold 12 bags of apples.



What would be the mass of 20 boxes of apples?
Give your answer in **kilograms**.

84 kg

- 6 Dani is collecting rainwater in a 1-litre jug.

On Monday, she collects 220 ml of water.

On Tuesday, she collects a quarter of a litre of water.

At the end of Wednesday, Dani sees she only needs another 0.1 litres until her jug is full.

How much water did Dani collect on Wednesday?

430 ml

