LI: To add and subtract lengths.

24.03.20

Key words:

- Add
- Subtract
- Millimetre (mm)
- Centimetre (cm)
- Metre (m)

LI: to add and subtract lengths.

Fluency in 5! ☺

https://www.topmarks.co.uk/maths-games/daily10

- Choose what you are comfortable with!
- I usually click on Level 2, then choose a times table/group of times tables to focus on ☺
- We should all know 2x, 5x and 10x, but focus on these if you're still not confident,
- The main tables we should be focusing on are 3x, 4x and 8x ☺

Measurement Bingo!

Draw a grid with 6 squares,

Write 6 numbers between 1-20 **metres**,

Example:

4m	10m	18m
1m	6m	11m

Warning! It may not be as easy as it sounds…

You may need to convert centimetres…

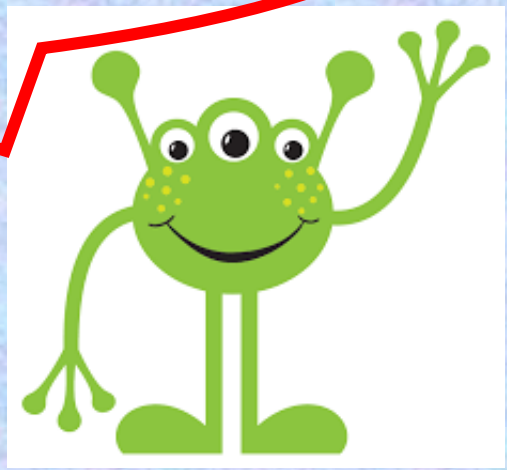
What have we learnt?

This is Blorb, an alien from Planet Zorbo,

He is new to planet Earth…

I don't know anything about measurement!

What can you teach me?



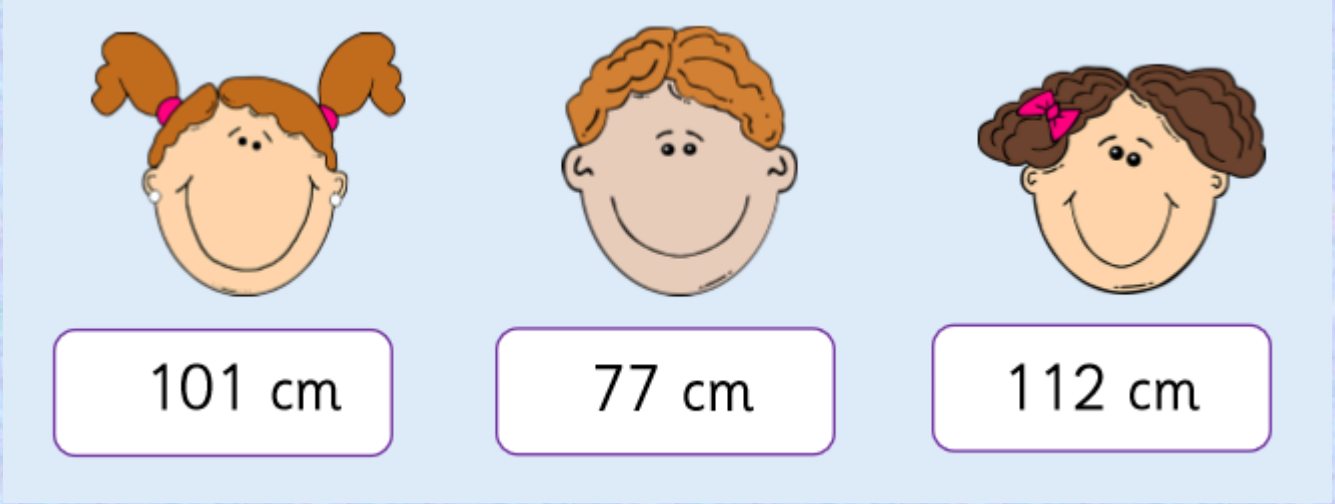
A giant monster measured parts of its body.

His left arm was 86cm long.

His left leg was 123cm long.

How long are his arm and leg **altogether**?
How would we work this out?

CHALLENGE! Can you convert the answer from cm to m and cm?



These 3 children measured their heights. They want to work out the total height of all 3 children.

How can they do this?

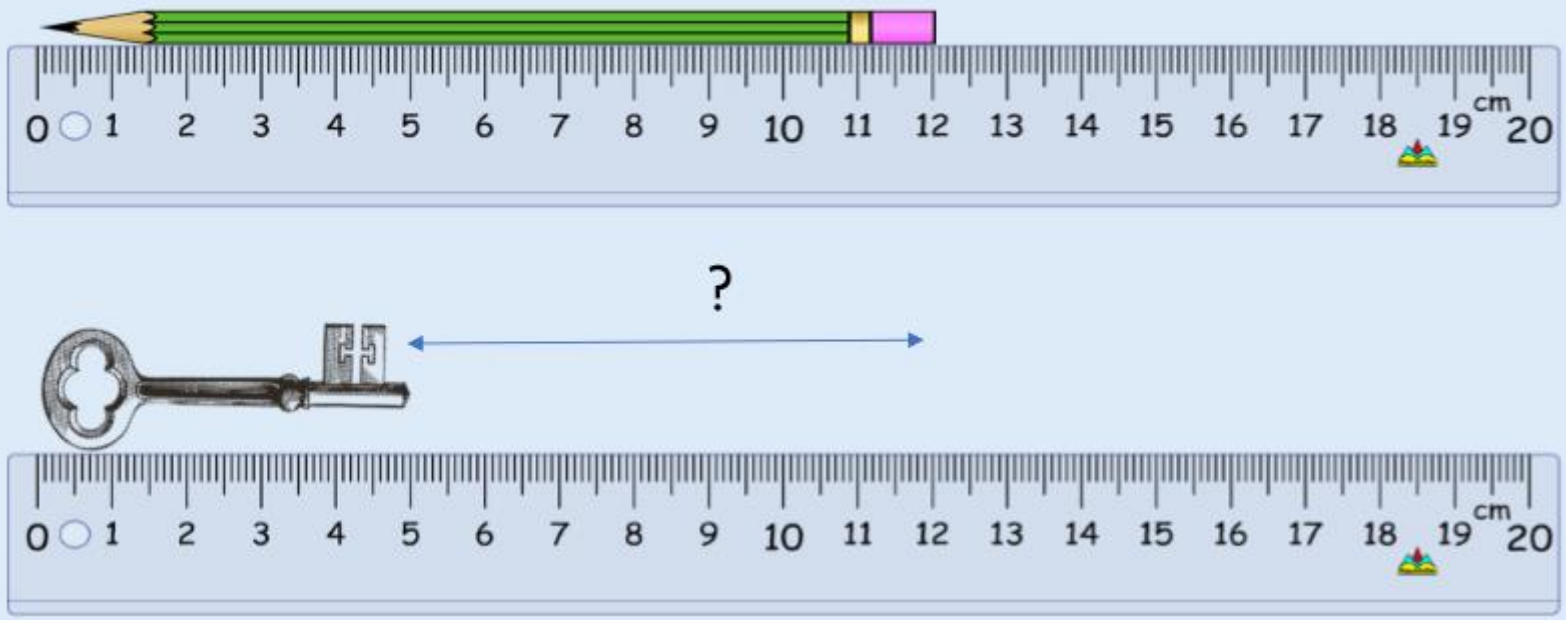
Quick estimation round!

Estimate the length of these objects:

- An item in the kitchen,
- A pencil,
- Your left arm.

Work out the difference in length between the pencil and the key:

(not to scale)



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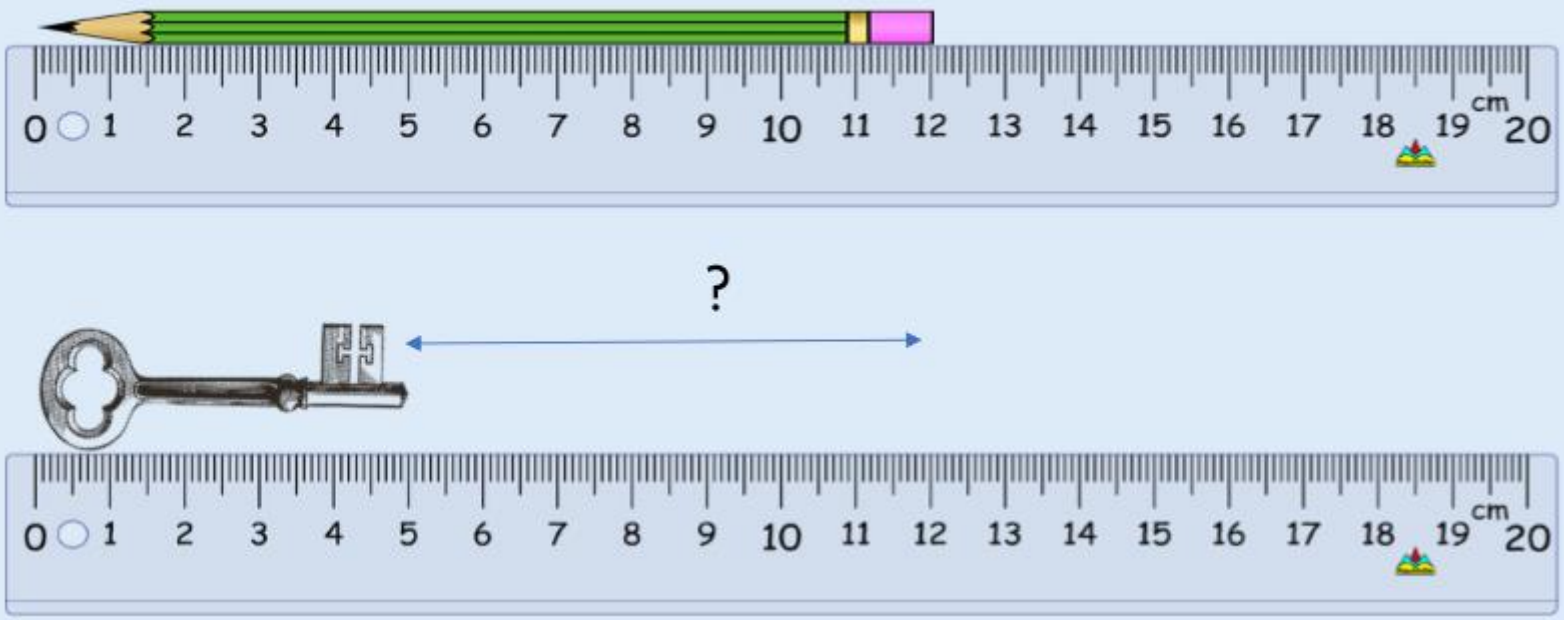
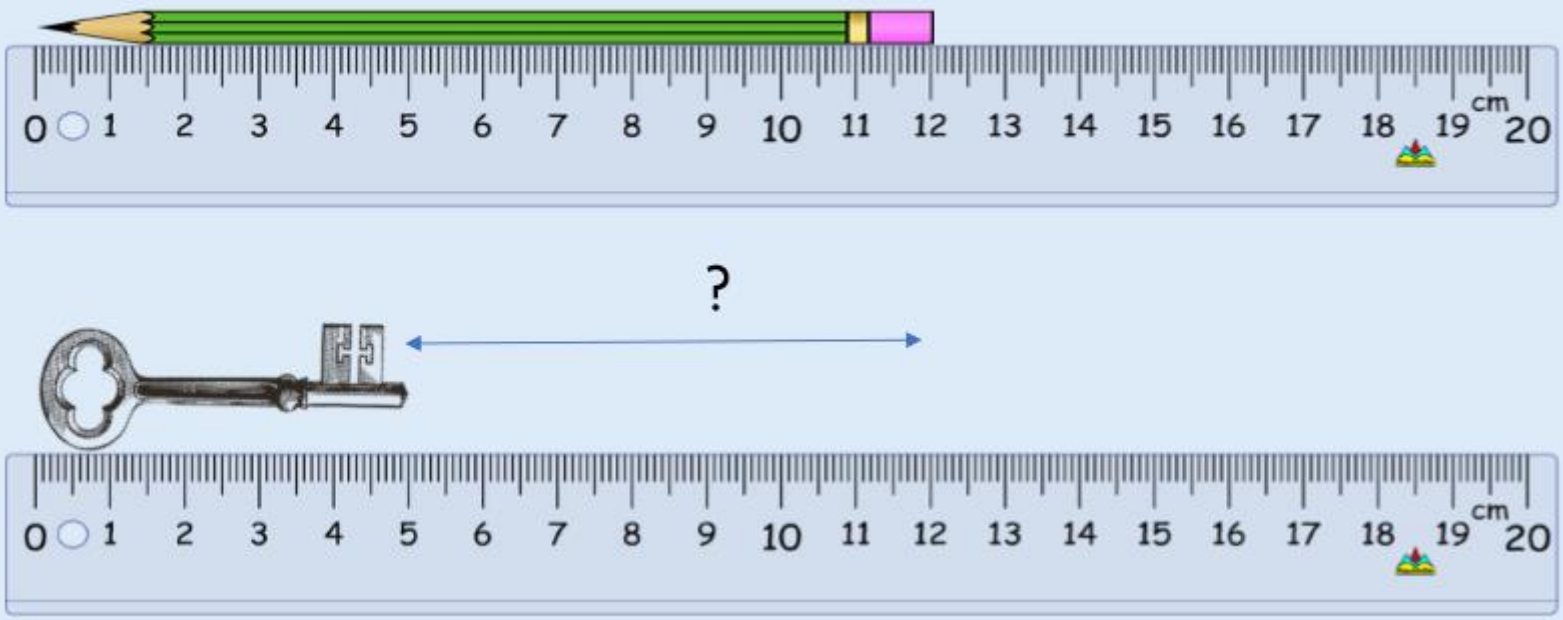


Pencil = 12cm

Work out the difference in length between the pencil and the key:

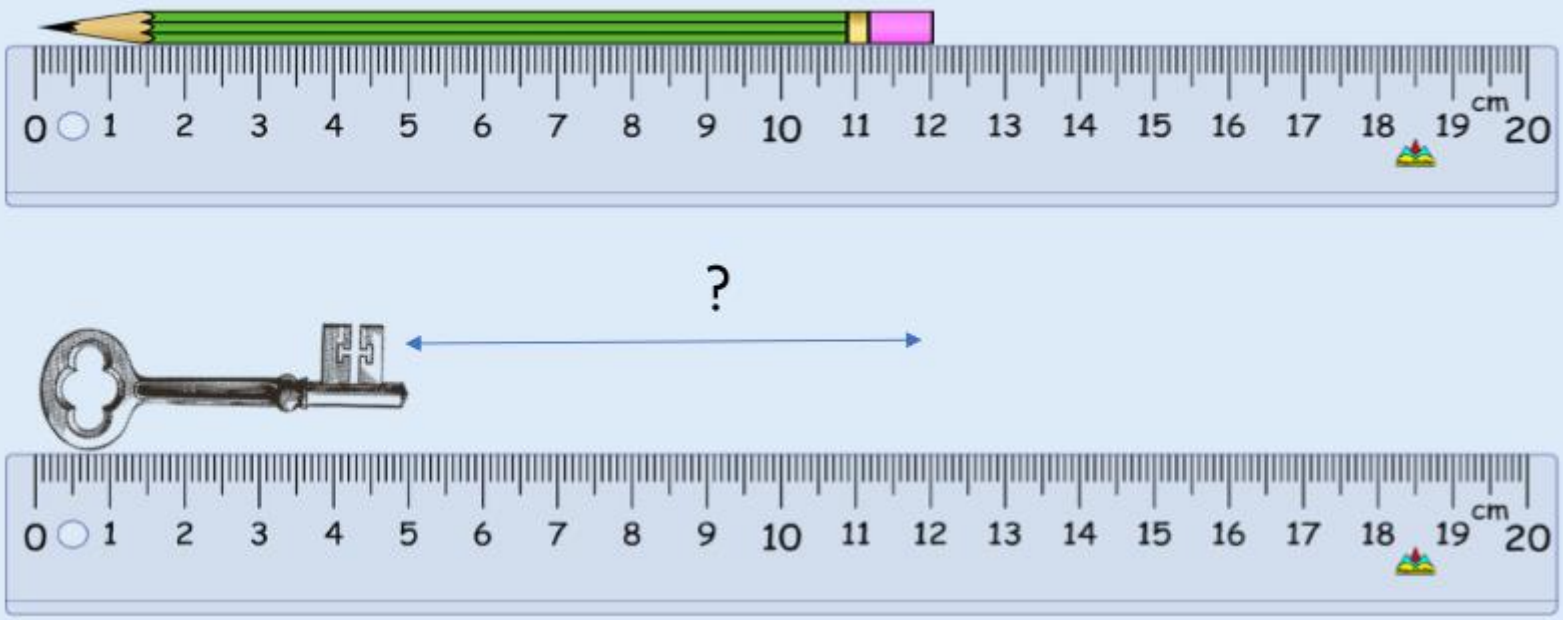
(not to scale)



Pencil = 12cm Key = 5cm

Work out the difference in length between the pencil and the key:

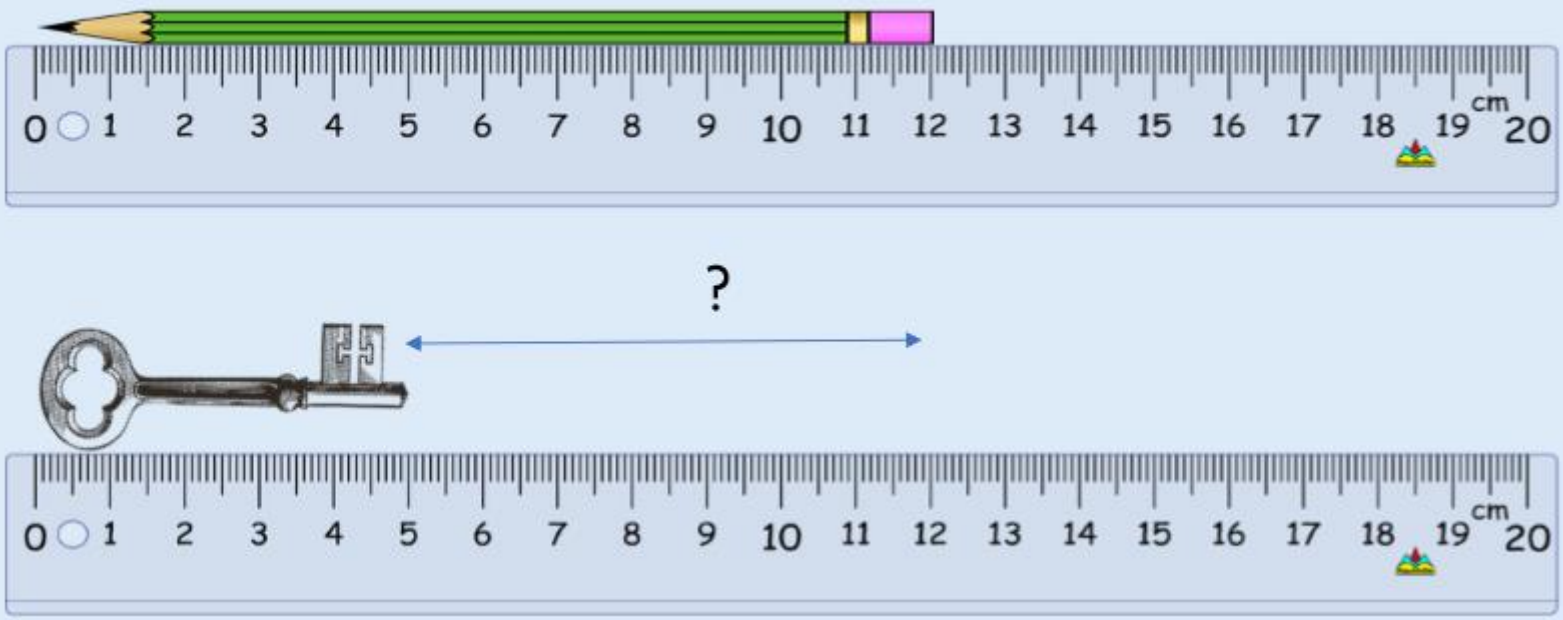
(not to scale)



Pencil = 12cm Key = 5cm 12cm – 5cm =

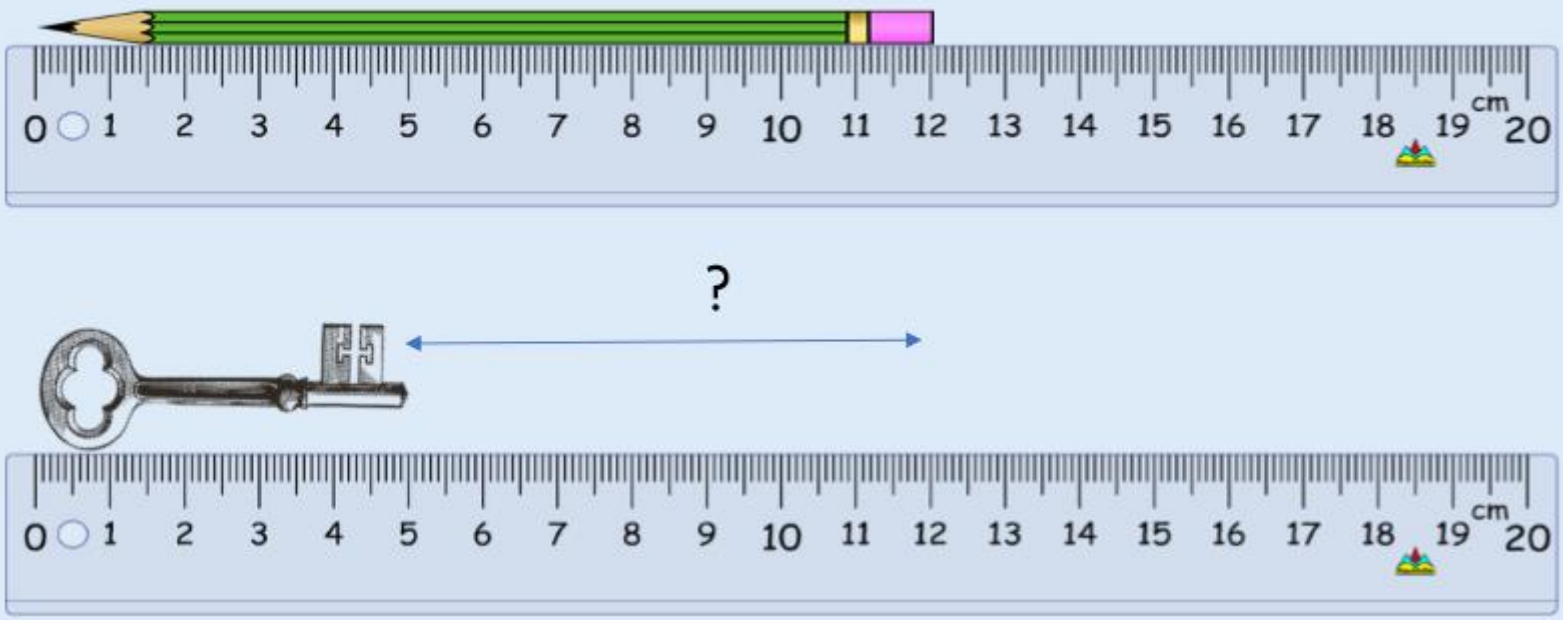
Work out the difference in length between the pencil and the key:

(not to scale)



Pencil = 12cm Key = 5cm 12cm – 5cm = 7cm

What if the pencil was 4cm bigger? What would the difference between the pencil and key be then?



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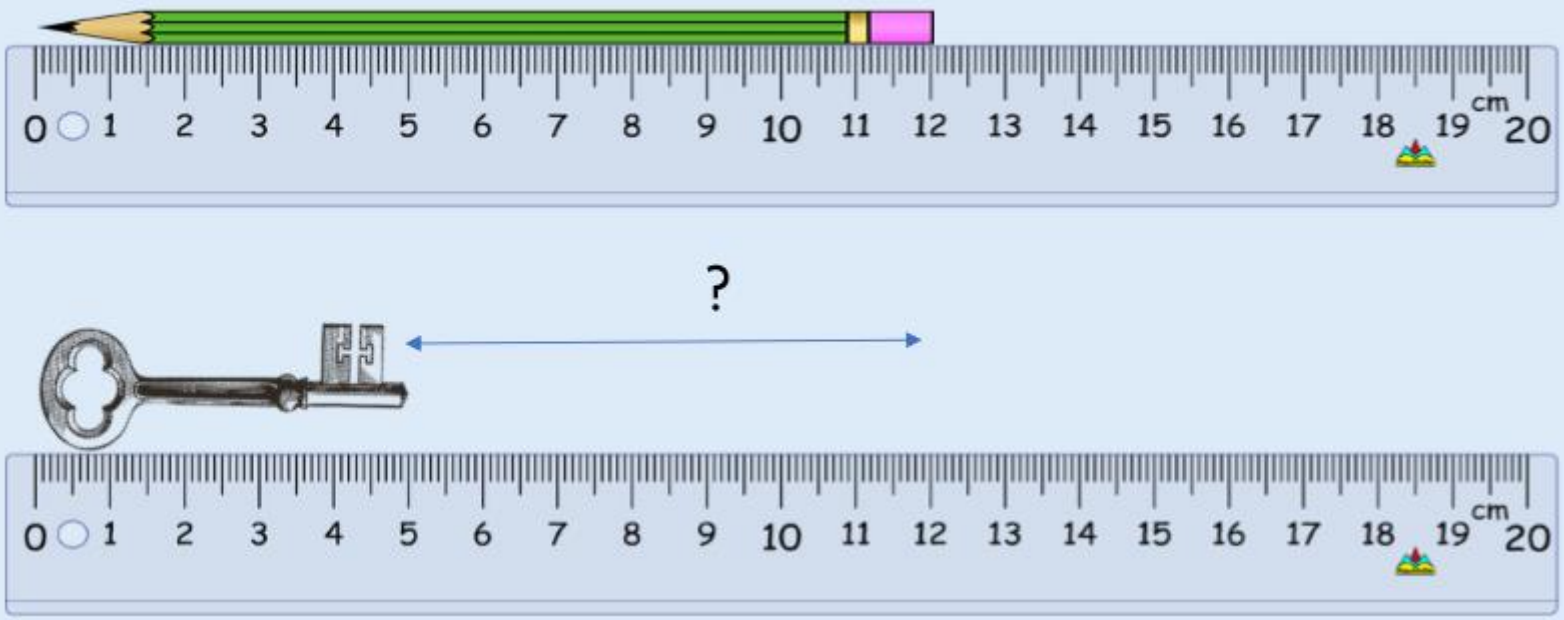


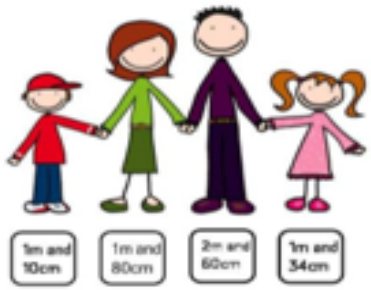
16cm – 5cm = 11cm

Task time!

Remember:
1m = 100cm
1cm = 10mm

And lots of challenges at the front of the classroom!

2. Jenny and her brother Alex measured the height of their family.



Jenny thinks their total height is 5 m and 50 cm

Alex thinks their total height is 6 m and 84 cm

Who is correct? Prove it.

1. Frank needs to travel to his friend's house. He wants to take the shortest possible route. Which way should Frank go?

3. Mark has just used 109cm of tape to wrap a present. He has 212cm of tape left. How much tape did Mark start with?

Challenge – how much is this in m?

4. Megan has a 3m roll of ribbon. She is cutting it up into 50cm lengths. How many lengths can she cut? **Convince me.**

Let's recap!

See if you can add/subtract these in your head!

35cm + 12cm = _____ cm

50mm – 8mm = _____ mm

5m + 32m = _____ m

Let's recap!

See if you can add/subtract these in your head!

35cm + 12cm = 47 cm

50mm – 8mm = _____ mm

5m + 32m = _____ m

Let's recap!

See if you can add/subtract these in your head!

35cm + 12cm = 47 cm

50mm – 8mm = 42 mm

5m + 32m = _____ m

Let's recap!

See if you can add/subtract these in your head!

35cm + 12cm = 47 cm

50mm – 8mm = 42 mm

5m + 32m = 37 m