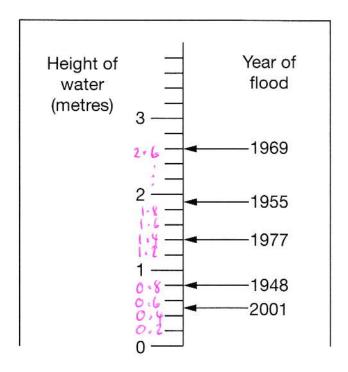
LENGTH AND HEIGHT

CONTENT DOMAIN REFERENCES: M1, M2, M5, M9

KS2 SATS PRACTICE QUESTIONS BY TOPIC

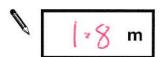


This scale shows the dates of floods and the height of the water in the floods.



How high was the water in the 1955 flood?

How much higher was the water in the 1969 flood than in the 1948 flood?



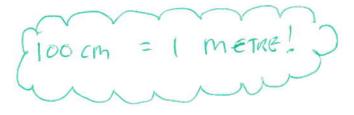
[2 marks]



Kate has a piece of ribbon one metre long.

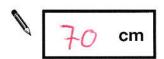
[2007]

She cuts off 30 centimetres.





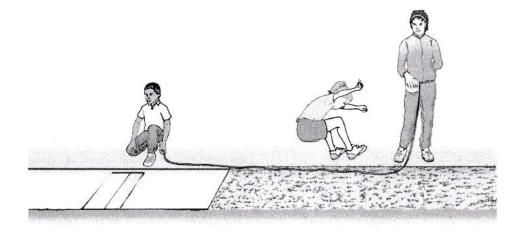
How many centimetres of ribbon are left?



[1 mark]

3

[2012]



Seb made a jump of two and a half metres. -> 2 m 50cm

Kirsty's jump was 15 centimetres longer.

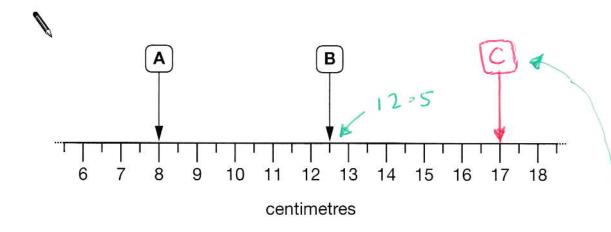
How long was Kirsty's Jump?

2m 65cm

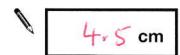
[OR 2.65 m]

[1 mark]

[2015]



What is the distance between point A and point B?



Point C is twice as far from point A as it is from point B.

On the scale above, mark one place where point C could be.

IST

2x4.5=9

12ND

8+9= 17cm.

[2 marks]

5

Tick (✓) the best estimate for the height of a door.

[Extra]

2 millimetres

2 centimetres

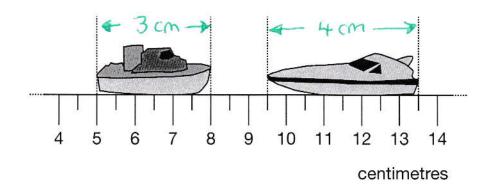
2 metres

2 kilometres

[1 mark]

Here are two model boats on a centimetre scale.

[2011]



How far apart are the boats?



What is the difference in the lengths of the two boats?

4-3 = lon



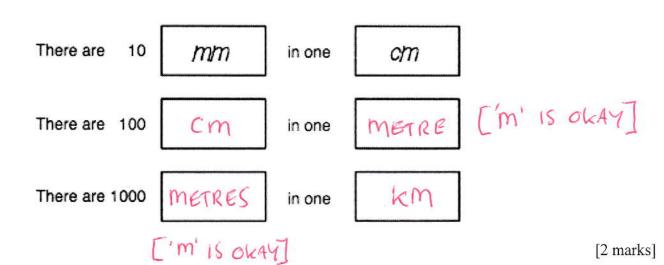
[2 marks]

7

Fill in the gaps using units of length.

[Extra]

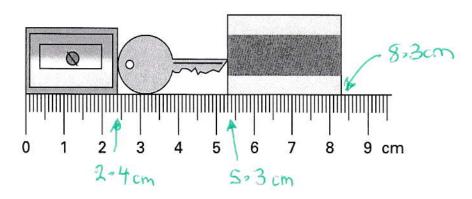
The first one is done for you.





Here are a pencil sharpener, a key and a rubber.

[2002]



What is the length of all three things together?

Give your answer in millimetres.



What is the length of the key?

Give your answer in millimetres.





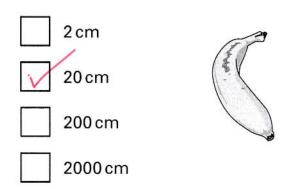
[2 marks]

9

Which value completes the sentence? Tick (✓) the correct box

[Extra]

The **length** of a **banana** is about...



[1 mark]

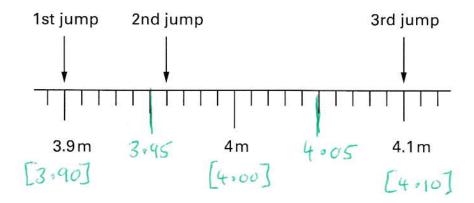
10 [Extra]	Tick (✓) the best estimate for the length of a pen.	
[EMIG]	14 millimetres 14 centimetres	
	14 metres 14 kilometres	
	[1 mark]	
[2003]		
į.		
	3.5cm FOUND IT EASIEST TO CHANGE [SOCM] THEM ALL TO T	
	[SOCM] THEM ALL TO T	
	25mm 20cm cm!	
	[2.5cm]	
	$\frac{1}{25mm} \frac{1}{2}m$	
	shortest USE ORIGINAL UNITS!	
	[2 marks]	
12	Tick (✓) the best estimate for the distance between Leeds and Manchester .	
[Extra]	Walleriester.	
	64 millimetres 64 centimetres	
	64 metres 64 kilometres	
	[1 mark]	

Peter took part in a long jump competition.

[Extra]

He had three jumps.

The arrows on the scale show how far he jumped each time.



How far did Peter jump on his 2nd jump?

Peter jumped further on his 3rd jump than on his 1st jump.

How much further?

Write your answer in metres.

Now write your answer in centimetres.

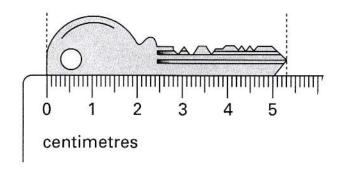


[3 marks]

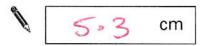
The diagrams in this question are not drawn accurately.

[Extra]

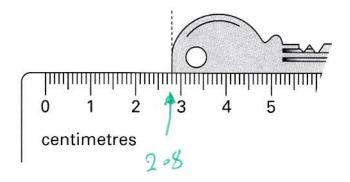
The diagram shows Jo's key.



Use the scale to find the length of Jo's key.



This time you cannot see all of Jo's key.



One end is at 2.8cm on the scale.

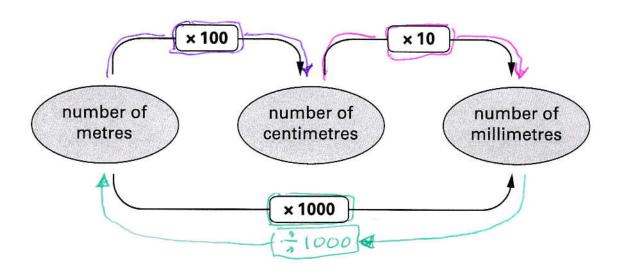
Where is the other end on the scale?

[2 marks]

Look at the diagram.

[Extra]

It shows how to change metres into centimetres and millimetres.



Change 5 metres into centimetres.

Change 9 centimetres into millimetres.

Change 8000 millimetres into metres.



[3 marks]

4	6
	•

Circle one amount to make the sentence correct.

[Extra]

The distance from London to Manchester is about ...

320 m 3200 m 32 km 320 km

[1 mark]



Dave and Steve are in a high jump competition.

[Extra]



Steve jumps 1.4 metres.



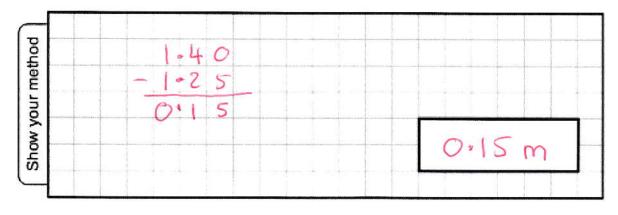
Who jumps higher? Tick (✓) Dave or Steve.

Dave



How much higher does he jump?

Give your answer in metres.



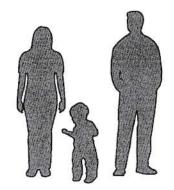
[3 marks]

Freddie is half as tall as his mother.

[2012]

Freddie is one metre shorter than his father.

Freddie's father is 182 centimetres tall.



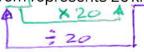
How many centimetres tall is Freddie's mother?

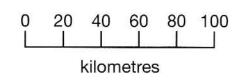
[1 mark]

19

[2017]

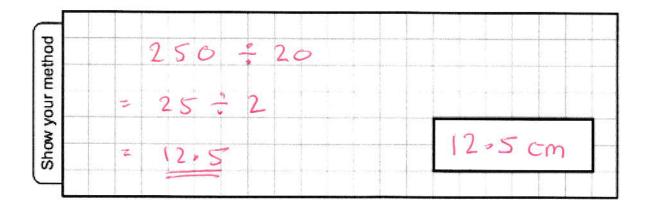
On a map, 1cm represents 20 km.





The distance between two cities is 250 km.

On the map, what is the distance between the two cities?



[2 marks]