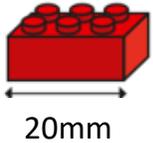
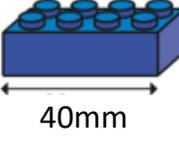


Monday 22nd June

LO: To measure length to the nearest cm and mm.

Something we learned previously	Something we learned last unit	Something we are learning today										
<p>Circle £1</p>  <p>Circle £1</p>  <p>Circle £1</p> 	<p>The pictogram shows the colour of cars parked in a car park.</p> <table border="1" data-bbox="988 428 1651 735"><thead><tr><th>Colour</th><th>Number of cars in car park</th></tr></thead><tbody><tr><td>Red</td><td></td></tr><tr><td>Blue</td><td></td></tr><tr><td>White</td><td></td></tr><tr><td>Yellow</td><td></td></tr></tbody></table> <p>Key  = 2 cars</p> <p>a) How many parked cars are red? <input type="text"/></p> <p>b) How many parked cars are blue? <input type="text"/></p> <p>c) How many cars are parked in total? <input type="text"/></p>	Colour	Number of cars in car park	Red		Blue		White		Yellow		<p>Something we are learning today</p>   <p>Calculate the length of the lego tracks.</p>  <p>Length = _____cm</p>  <p>Length = _____cm</p>
Colour	Number of cars in car park											
Red												
Blue												
White												
Yellow												

<https://vimeo.com/427994247>

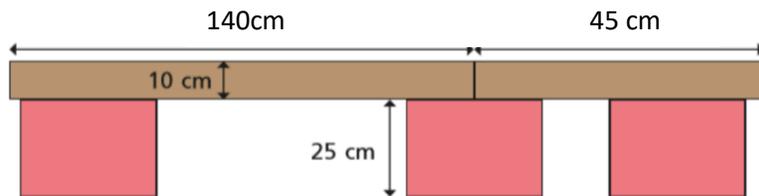
Here is the video link to help you if you can access it .

I do

With a question such as this, where you are asked for the **total length** of something, you need to think carefully about what you are being asked. Below, you are asked for the length of the bridge.

Therefore, you should only add the length of the bridge itself, across the top.

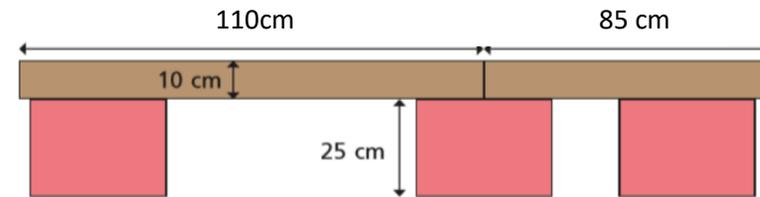
Therefore, to work out the answer to this question our equation will be $140\text{cm} + 45\text{cm} = 185\text{cm}$



a) What is the total length of his bridge? cm

You do

Scott builds a bridge using planks.



a) What is the total length of his bridge? cm

I do

Bex is 115 cm tall.

His brother is 20cm taller.

How tall Bex's brother?

Write your answer in meters and cm

This is a word problem, our equation has a story.
In this question we need to add the lengths together because
Brett's brother is **115cm + 20cm**.

The answer is asked for in **m and cm**.

Once you have worked out $115\text{cm} + 20\text{cm}$, you then need to
convert it.

E.g. $115 + 20 = 135\text{cm}$ **$135\text{cm} = 1\text{m and } 35\text{cm}$**

m and cm

You do

Kyle is 122 cm tall.

His brother is 30cm taller.

How tall is Kyle's brother?

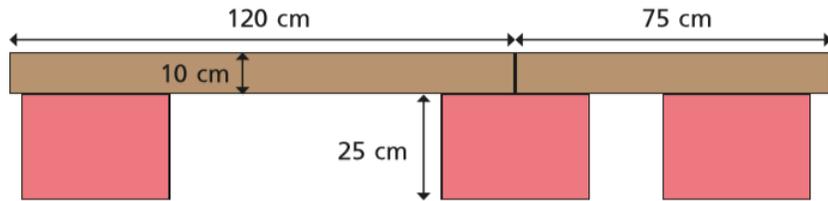
Write your answer in meters and cm

m and cm

I do	You do
<p>Drake builds a tower that is 1m 20cm tall. Claire builds a tower that is 60cm tall. Raj builds a tower that is 90cm tall. They put their towers together to make one large tower. How tall is the tower?</p> <p>First, I need to read the word problem carefully and work out the operation I will need to do.</p> <p>They are putting the towers together, so I have worked out the operation is addition.</p> <p>Next, I'm going to look carefully at what numbers I am adding together.</p> <p>I can see 1m 20cm, 60cm, 90cm.</p> <p>Then, I stop and think about what I know about length. I know we measure lengths in different units of measurement, so I look back at the lengths and check their units of measurement.</p> <p>The units of measurement are different, so I will need to convert one or more of them, so they are all in the same unit of measurement, which will make adding them together simple.</p> <p>1m 20cm = 120cm</p> <p>120cm + 60cm + 90cm = 270cm</p> <p>270cm = 2m 70cm</p>	<p>Drake builds a tower that is 1m 30cm tall. Claire builds a tower that is 20cm tall. Raj builds a tower that is 70cm tall.</p> <p>They put their towers together to make one large tower.</p> <p>How tall is the tower?</p> <p>_____ m _____ cm = _____ cm</p> <p>_____ cm + _____ cm + _____ cm = _____ cm</p> <p>_____ cm = _____ m _____ cm</p>

Add lengths

- 1 Scott builds a bridge using planks.



a) What is the total length of his bridge? cm

b) What is the height of his bridge? cm

- 2 Complete the additions.

a) $25 \text{ cm} + 75 \text{ cm} = \text{[] m}$

b) $10 \text{ cm} + 50 \text{ mm} = \text{[] cm}$

c) $1 \text{ m } 20 \text{ cm} + \text{[] cm} = 2 \text{ m}$

d) $52 \text{ mm} + \text{[] mm} = 6 \text{ cm}$

- 3 Brett is 115 cm tall.

His brother is 20 cm taller.

How tall is Brett's brother?

Write your answer in metres and centimetres.

m and cm

- 4 Dora builds a tower that measures 1 m and 5 cm.

Annie builds a tower that measures 80 cm.

Dexter builds a tower that measures 95 cm.

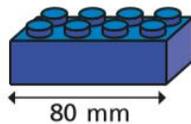
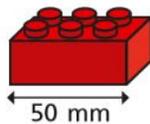
They put their towers together to make one high tower.

How tall is their new tower?

The new tower is cm tall.

This is the same as m and cm.

- 5 Red bricks are 50 mm long.
Blue bricks are 80 mm long.

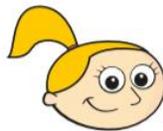


- a) Whitney and Eva make patterns using the bricks.
How long is each pattern?
Give your answers in centimetres.



Whitney

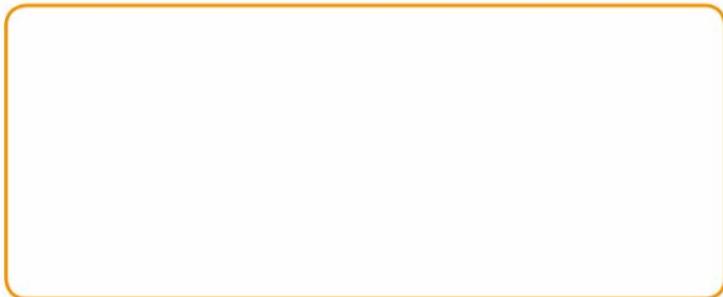
Whitney's pattern is cm long.



Eva

Eva's pattern is cm long.

- b) Draw some red and blue bricks to make a pattern that would be exactly 36 cm long.



- 6 Jack, Tommy and Alex took part in a hop, skip and jump competition.

Their distances are shown in the table below.

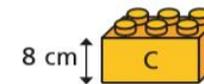
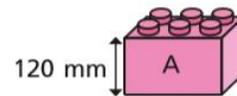
Complete the table to show the total distance each child travelled.

Name	Hop	Skip	Jump	Total
Jack	80 cm	60 cm	1 m 20 cm	
Tommy	70 cm	1 m	1 m 10 cm	
Alex	75 cm	75 cm	1 m	

- 7 Esther builds a tower using some bricks.

Her tower is 24 cm tall.

Which bricks could she have used?



How many different answers can you find?