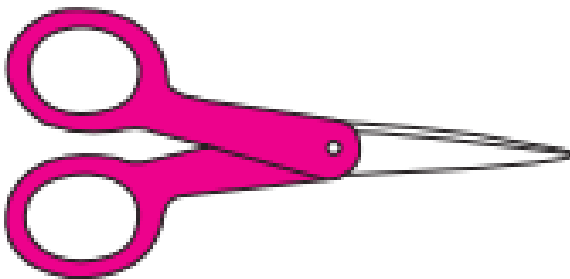


Monday 18th May 2020

Warm up activity measuring cm.

Measurement in Centimeters

1.



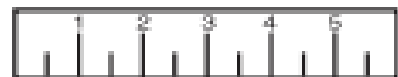
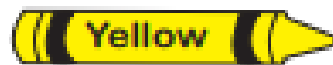
about _____ centimeters

2.



about _____ centimeters

3.



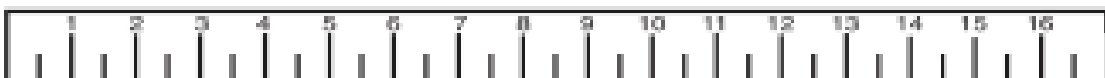
about _____ centimeters

4.



about _____ centimeters

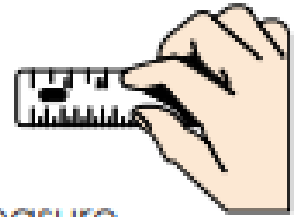
5.



about _____ centimeters


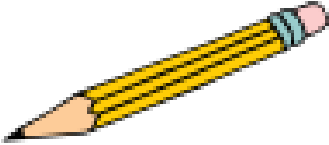


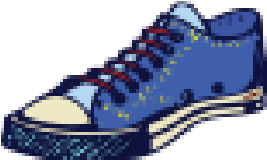

Use a ruler or tape measure and measure the length of the objects below.

Measuring Length



Estimate the length of each item before you measure.

Then measure the items which can be found in your home.

Item	Estimate	Actual length
		
		
		
		
		
		

Look around your house and garden to find some objects to measure. Use the recording sheet below to record your estimation and measurement. You will need a ruler.

Object	My Estimate	Measurement

The shortest object is: _____.

The longest object is: _____.

Tuesday 19th May 2020

Lengthy Laces

Sasha is organizing her shoelace collection. She wants to order them from shortest to longest. Cut out the ruler at the bottom of the page and use it to help Sasha measure the length of each shoelace. Write the length in box next to each lace. Then circle the shortest shoelace in red and the longest in green.

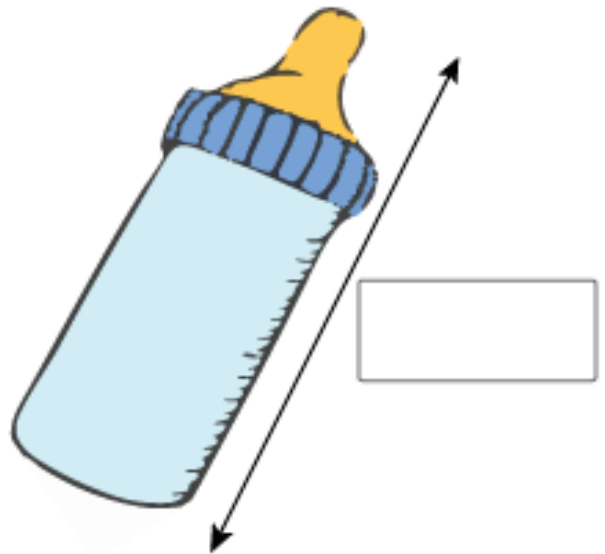
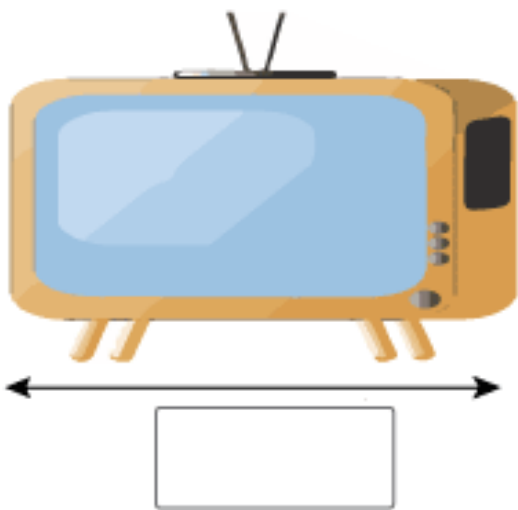
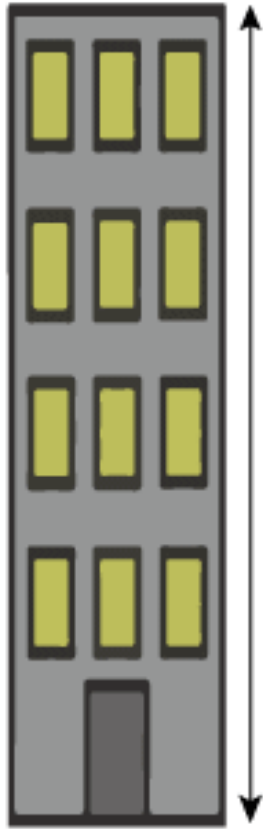
Seven shoelaces are shown, each with a small box next to it for recording its length. The laces are:

- Red lace (longest)
- Orange lace
- Yellow lace (shortest)
- Green lace
- Blue lace
- Dark blue lace
- Purple lace

Each lace is accompanied by an empty box for measurement.



Use your ruler and measure the length of the following items. Please write your answers in the box provided.



Please could you measure the length of the shoes and record your answer.



centimeters



centimeters



centimeters



centimeters



centimeters

Wednesday 20th May 2020

Length

How long is the green pencil?



How long is the pink pencil?



Complete the sentences

The green pencil is _____ than the pink pencil.

The _____ pencil is longer than the _____ pencil.

How tall is the toy house?



How tall is the toy phone?



Complete the sentences

The toy phone is _____ than the toy house.

The toy house is ___ cm _____ than the toy phone.

Can you use the ruler below to measure an item that is longer than 10cm?



Explain your answer.

Choose 5 objects from around the classroom.

Estimate how long they are.

Then measure them, choosing the most appropriate equipment and unit.

How close was your estimate?

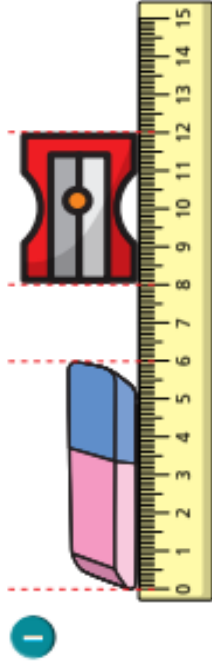
Challenge yourself to compare length using more than, less than and equal to. Remember it is just a number and we know that it doesn't make a difference if cm or m is there!

<p>1. Use the unit cards to complete the comparisons.</p> <p>54cm 18cm</p> <p><input type="text"/> > <input type="text"/> < 23cm</p> <p><input type="text"/></p>	<p>2. Use the unit cards to complete the comparisons.</p> <p>12m 93m</p> <p>70m < <input type="text"/> > <input type="text"/></p> <p><input type="text"/></p>
<p>3. Use the unit cards to complete the comparisons.</p> <p>15cm 35cm</p> <p><input type="text"/> < 18cm < <input type="text"/></p> <p><input type="text"/></p>	<p>4. Use the unit cards to complete the comparisons.</p> <p>67m 56m</p> <p>65m < <input type="text"/> > <input type="text"/></p> <p><input type="text"/></p>



<p>9. Use the unit cards to complete the comparisons.</p> <p>12cm 51cm 15cm</p> <p>65cm 21m 25m</p> <p><input type="text"/> > <input type="text"/> < <input type="text"/></p> <p><input type="text"/></p>	<p>10. Use the unit cards to complete the comparisons.</p> <p>46cm 84cm 68cm</p> <p>25cm 25m 46m</p> <p><input type="text"/> < <input type="text"/> < <input type="text"/></p> <p><input type="text"/></p>
<p>11. Use the unit cards to complete the comparisons.</p> <p>37m 76cm 37cm</p> <p>63cm 36cm 76m</p> <p><input type="text"/> > <input type="text"/> > <input type="text"/></p> <p><input type="text"/></p>	<p>12. Use the unit cards to complete the comparisons.</p> <p>12cm 15cm 16m</p> <p>15m 21m 9m</p> <p><input type="text"/> < <input type="text"/> > <input type="text"/></p> <p><input type="text"/></p>

Compare lengths



Choose a word to complete the sentences.

shorter

longer

The rubber is _____ than the sharpener.

The sharpener is _____ than the rubber.

2 Write $<$, $>$ or $=$ to compare the statements.

a) 9 cm 23 cm

b) fifty metres 50 m

c) one metre 1 cm

3 Write digits in the boxes to make the statements correct.

a) cm $<$ 41 cm

b) 14 m $<$ m

c) 14 cm $>$ cm

d) 12 m $<$ m $<$ 20 m

Is there more than one answer for each?

4 Would you measure each one using centimetres or metres?

Tick your answer.

centimetres metres

- a) the height of a baby centimetres metres
- b) the length of a pencil centimetres metres
- c) the height of a school centimetres metres
- d) the height of your teacher centimetres metres

What else would you measure in metres?

- 5 Write $<$, $>$ or $=$ to compare the statements.

a) $39 \text{ cm} + 9 \text{ cm}$ ○ 47 cm

b) $22 \text{ m} - 6 \text{ m}$ ○ $0 \text{ m} + 15 \text{ m}$

c) $4 \text{ cm} + 13 \text{ cm}$ ○ $20 \text{ m} - 3 \text{ m}$

6

$5 \text{ m} = 5 \text{ cm}$

- a) Why is the statement wrong?
Talk about it with a partner
- b) Write $<$ or $>$ to correct the mistake.

5 m ○ 5 cm

- 7 One large cube is three times as long as one small cube.



One small cube is 5 cm long.

- a) How long are 2 small cubes?
- b) How long are 10 small cubes?
- c) How long is 1 large cube?
- d) How long are 2 large cubes?

cm

cm

cm

cm

Four operations with lengths

- 1** Eva has a toy car and a toy truck.
 The toy car is 12 cm long.
 The toy truck is 7 cm longer than the toy car.

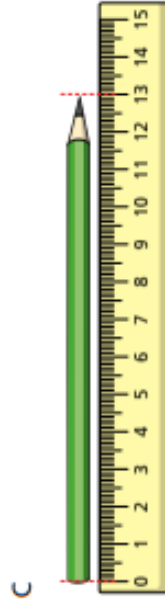
a) How long is the toy truck?

 cm

b) What is the total length of both toys together?


 cm

- 2** Mo measures his pencil at the start of Year 2, halfway through Year 2 and at the end of Year 2



a) Which picture (A, B or C) shows the pencil at the start of Year 2?

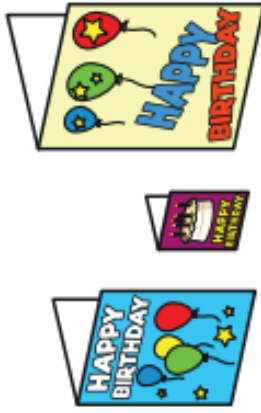
Picture _____

How do you know?

b) What is the difference between the longest and shortest length?

 cm

- 3 Jack, Teddy and Aisha buy cards for Dora's birthday.



- Teddy's card is 12 cm high.
- Jack's card is half the height of Teddy's card.
- Aisha's card is 3 cm taller than Teddy's card.

a) What is the height of Jack's card?

cm

b) What is the height of Aisha's card?

cm

c) What is the difference in height between Jack's card and Aisha's card?

cm

- 4 Kim is 87 cm tall and Huan is 78 cm tall.

Kim is taller than Brett.

Huan is shorter than Brett.

Circle all the heights that Brett could be.

80 cm 87 cm 78 cm 86 cm

- 5 The Year 2 classroom is 13 m long.

The Year 3 classroom is 8 m longer than the Year 2 classroom.

a) How long is the Year 3 classroom?

m

b) The Year 4 classroom is 3 m shorter than the Year 2 and Year 3 classrooms together.

How long is the Year 4 classroom?

m

Use this squared paper to do your workings
out on. Remember 1 number in each square!

