

Y1 Length and Height

KS1 Y1 Maths · Follows the national curriculum

Name _____ Class _____ Date _____

1. Worked example

Which is longer: a scarf or a sock?

Step 1 · Line them up so one end of each starts at the same place

Look at the other ends

Step 2 · The one that goes further is longer

The scarf goes much further

Answer: The scarf is longer. The sock is shorter.

Check: Always line up the starting ends before comparing.

2. Now try one with the steps

Order by height, tallest first: a giraffe, a cat, a horse

Step 1 · Find the tallest

Step 2 · Find the shortest

Step 3 · The horse goes in the middle

Answer:

3. Practice

Have a go at each one. There is space underneath to work it out.

1. Which is taller: a tree or a flower?

2. Which is shorter: a paperclip or a skipping rope?

3. A worm is 4 cubes long. How long is it in cubes?

4. What is the opposite of longer?

5. A ribbon is 10 cubes long. A string is 7 cubes long. Which is longer?

6. What do the letters cm stand for?

7. A leaf starts at 0 and ends at 5 on a ruler. How long is it?

8. Would you measure a classroom in centimetres or metres?

9. Order these from shortest to tallest: Ali 110 cm, Beth 98 cm, Chen 104 cm.

10. A pencil is 12 cm long. A crayon is 8 cm long. How much longer is the pencil?

11. A tower is 6 cubes tall. Lily adds 5 more cubes. How tall is it now?

12. Two snakes are each 7 cm long. Laid end to end, how long are they altogether?

13. Jack measures a table with his hand span: 6 spans. His teacher gets 4 spans. Why are the answers different?

14. A plant was 9 cm tall. Now it is 15 cm tall. How many centimetres has it grown?

4. Before you hand it in

Comparing two things without lining up their ends.

Always line up the starting ends, then look at the other ends.

Leaving gaps or overlaps between cubes when measuring.

Push the cubes together in a straight line with no gaps.

Starting at 1 on the ruler instead of 0.

Put the end of the object on the 0 line.

Writing a length with no unit ("the pencil is 12").

Always say the unit: 12 cm, or 12 cubes.