

Freddie's Frog Pond

Grade 1 · Measuring with units · 1.MD.A.2

Name _____

Date _____



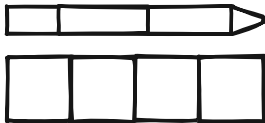
Freddie the frog lives in a busy pond full of bugs, lily pads and friends. Solve each problem to help Freddie out!

How many cubes long?

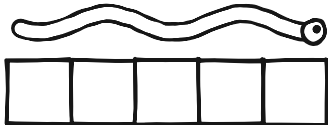
Count the cubes from one end to the other. No gaps, no overlaps.



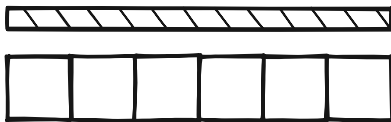
cubes



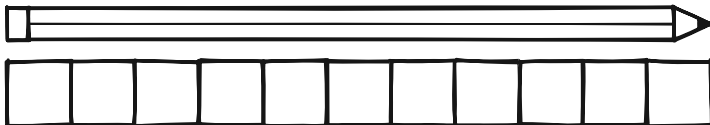
cubes



cubes



cubes



cubes

Which is longer?

- ① A straw is 8 cubes long. A crayon is 3 cubes long. How many cubes longer is the straw?

.....

_____ cubes

- ② A worm is 12 cubes long. A straw is 10 cubes long. How many cubes longer is the worm?

.....

_____ cubes

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ANSWER KEY



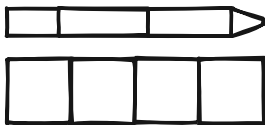
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How many cubes long?

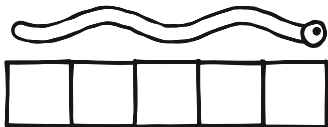
Count the cubes from one end to the other. No gaps, no overlaps.



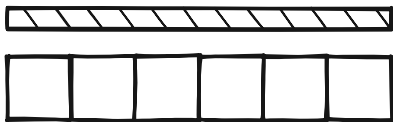
8 cubes



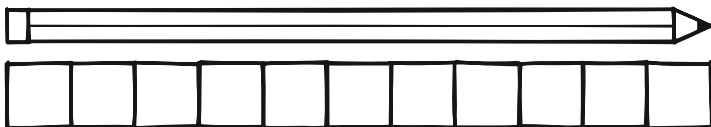
4 cubes



5 cubes



6 cubes



11 cubes

Which is longer?

- ① A straw is 8 cubes long. A crayon is 3 cubes long. How many cubes longer is the straw?

$$8 - 3 = 5$$

5 cubes

- ② A worm is 12 cubes long. A straw is 10 cubes long. How many cubes longer is the worm?

$$12 - 10 = 2$$

2 cubes

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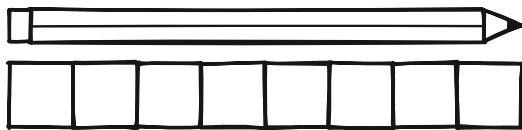
GUIDE

① What this sheet practises

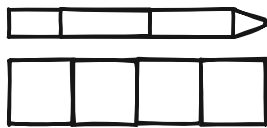
Measuring how long something is by lining up same-size units, like cubes, end to end and counting them.

② A problem from the sheet, worked out

How many cubes long? Count the cubes from one end to the other. No gaps, no overlaps.



8 cubes



4 cubes

How: Start the first cube at one end of the object. Put cubes end to end with no gaps and no overlaps until you reach the other end, then count them.

③ Words to know

length how long something is

unit the same-size thing you measure with

end to end each one touching the last, no gaps

measure find how long something is

④ Watch for

- Starting away from the end of the object.
- Leaving gaps or overlaps between cubes.
- Counting a cube twice, or counting past the end of the object.

⑤ Where it fits

BEFORE

1.MD.A.1

Put three objects in order by length, and compare two lengths using a third.

THIS SHEET

1.MD.A.2

Measure length by lining up same-size units end to end.

NEXT

2.MD.A.1

Measure length with a ruler, yardstick, meter stick or tape.

⑥ Helping at home

Measure a spoon, a book and a shoe with paper clips laid end to end. Which took the most clips?