

Freddie's Frog Pond

Grade 2 · Measuring in two units · 2.MD.A.2

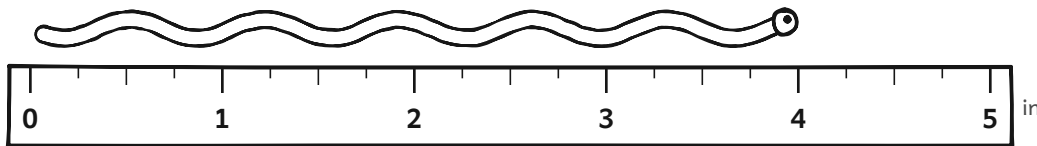
Name _____

Date _____

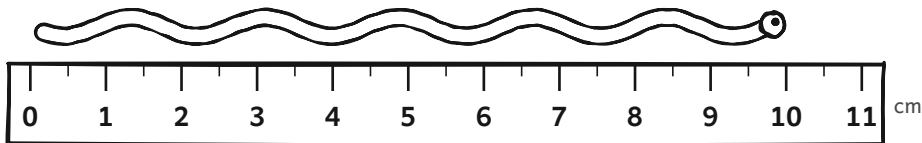


Freddie the frog lives in a busy pond full of bugs, lily pads and friends. Solve each problem to help Freddie out!

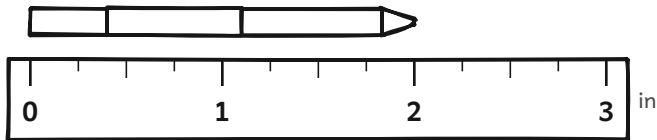
Measure it twice Each thing, measured in inches and then in centimeters.



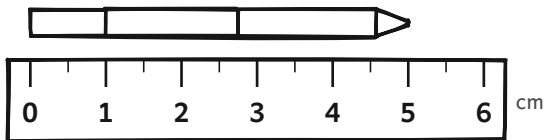
inches



centimeters



inches



centimeters

Why is one number bigger? Circle the answers.

Which unit is longer?

an inch a centimeter

Which unit takes more of them to measure the same thing?

inches centimeters

Did the thing change length?

yes no

Freddie's Frog Pond

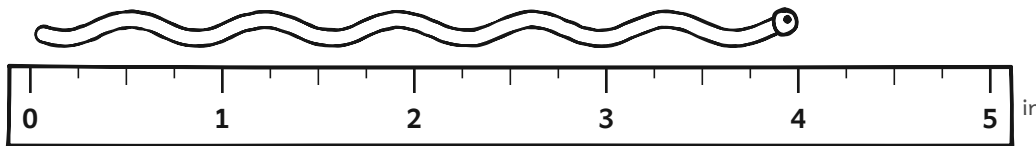
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ANSWER KEY

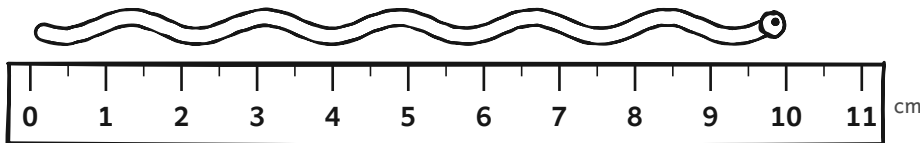


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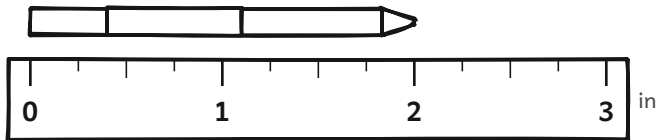
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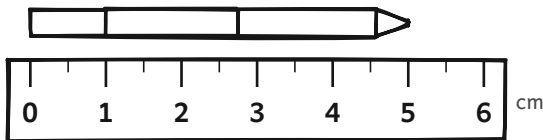
4 inches



10 centimeters



2 inches



5 centimeters

Why is one number bigger? Circle the answers.

Which unit is longer?

an inch

a centimeter

Which unit takes more of them to measure the same thing?

inches

centimeters

Did the thing change length?

yes

no

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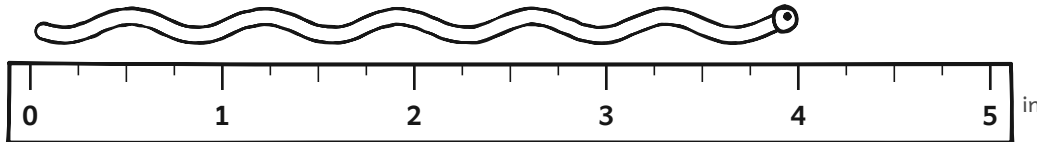
GUIDE

① What this sheet practises

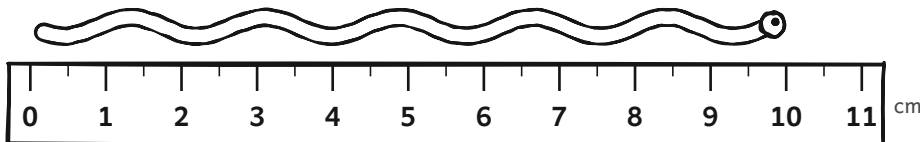
Measuring the same thing in inches and in centimeters, and seeing why one number is bigger.

② A problem from the sheet, worked out

Measure it twice Each thing, measured in inches and then in centimeters.



4 inches



10 centimeters

How: Measure from 0 each time. A centimeter is shorter than an inch, so it takes more of them to cover the same length: the smaller the unit, the bigger the number.

③ Words to know

unit the size you measure with

inch the longer of the two units

centimeter the shorter unit

length how long something is

④ Watch for

- Thinking the thing got longer because the number is bigger.
- Circling centimeter as the longer unit.
- Using the same side of the ruler for both measurements.

⑤ Where it fits

BEFORE

1.MD.A.2

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

THIS SHEET

2.MD.A.2

Measure something twice with different units and compare the numbers.

NEXT

4.MD.A.1

Know how units compare in size and convert within one system.

⑥ Helping at home

Measure a book with paperclips and then with crayons. Ask why it took more paperclips.