

Freddie's Frog Pond

Name _____

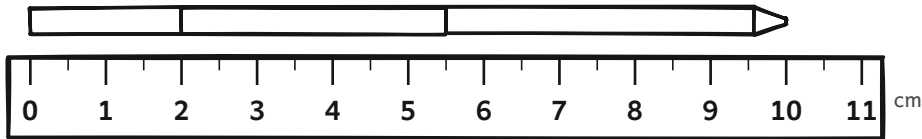
Grade 2 · How much longer? · 2.MD.A.4

Date _____

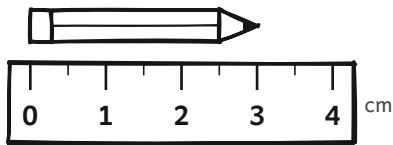


Freddie the frog lives in a busy pond full of bugs, lily pads and friends. Solve each problem to help Freddie out!

Measure both How long is the crayon? How long is the pencil?



centimeters



centimeters

How much longer? Take the shorter length from the longer one.

$$15 \text{ cm} - 2 \text{ cm} = \boxed{} \text{ cm}$$

$$11 \text{ cm} - 9 \text{ cm} = \boxed{} \text{ cm}$$

$$11 \text{ cm} - 2 \text{ cm} = \boxed{} \text{ cm}$$

$$12 \text{ cm} - 11 \text{ cm} = \boxed{} \text{ cm}$$

Longer or shorter?

- ① A worm is 10 cm long. A pencil is 7 cm long. How much longer is the worm?

.....

_____ cm

- ② A straw is 3 cm long. It is 6 cm shorter than a pencil. How long is the pencil?

.....

_____ cm

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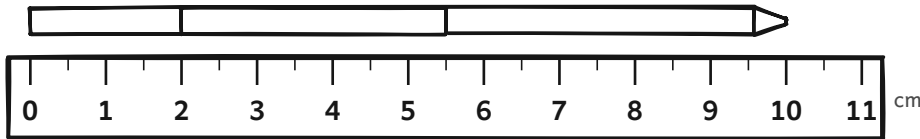
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ANSWER KEY

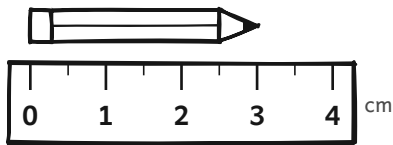


Freddie the frog lives in a busy pond full of bugs, lily pads and friends. Solve each problem to help Freddie out!

Measure both How long is the crayon? How long is the pencil?



10 centimeters



3 centimeters

How much longer? Take the shorter length from the longer one.

$$15 \text{ cm} - 2 \text{ cm} = 13 \text{ cm}$$

$$11 \text{ cm} - 9 \text{ cm} = 2 \text{ cm}$$

$$11 \text{ cm} - 2 \text{ cm} = 9 \text{ cm}$$

$$12 \text{ cm} - 11 \text{ cm} = 1 \text{ cm}$$

Longer or shorter?

- ① A worm is 10 cm long. A pencil is 7 cm long. How much longer is the worm?

$$10 - 7 = 3$$

3 cm

- ② A straw is 3 cm long. It is 6 cm shorter than a pencil. How long is the pencil?

$$3 + 6 = 9$$

9 cm

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GUIDE

① What this sheet practises

Measuring two things and finding how much longer one is than the other.

② A problem from the sheet, worked out

Longer or shorter?

- ① A worm is 10 cm long. A pencil is 7 cm long. How much longer is the worm?

$$10 - 7 = 3$$

3 cm

- ② A straw is 3 cm long. It is 6 cm shorter than a pencil. How long is the pencil?

$$3 + 6 = 9$$

9 cm

How: Find both lengths in the same unit, then subtract the shorter from the longer. If a story gives one length and the difference, add or subtract to find the other.

③ Words to know

longer reaching further

shorter not reaching as far

difference how much more one is than the other

centimeter a small unit of length

④ Watch for

- Adding the two lengths instead of finding the difference.
- Subtracting because a story says “shorter,” when it asks for the longer one.
- Leaving off the unit: 9 cm, not just 9.

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

2.MD.A.4

Measure how much longer one object is than another.

NEXT

2.MD.B.5

Solve length story problems within 100.

⑥ Helping at home

Line up two spoons or two shoes, measure both, and ask how much longer one is.