

Freddie's Frog Pond

Name _____

Grade 2 · Estimating length · 2.MD.A.3

Date _____



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

About how long? Circle the unit that makes sense.

Your hand is about 12 ____ long.

centimeters meters

A school bus is about 12 ____ long.

centimeters meters

A pencil is about 18 ____ long.

centimeters meters

A door is about 7 ____ tall.

inches feet yards

A paper clip is about 3 ____ long.

centimeters meters

A classroom is about 10 ____ long.

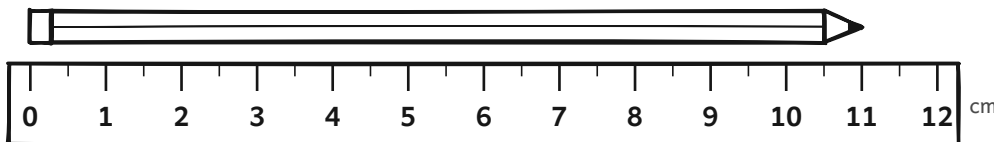
inches yards

A book is about 1 ____ long.

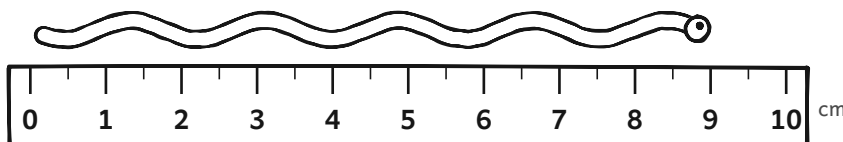
foot yard

Guess, then measure

Cover the ruler and write a guess first. Then measure. How close were you?



centimeters



centimeters

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ANSWER KEY



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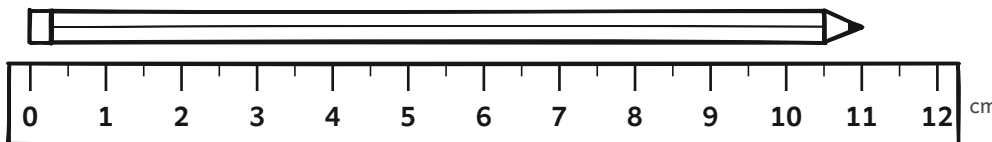
inches yards

A book is about 1 ____ long.

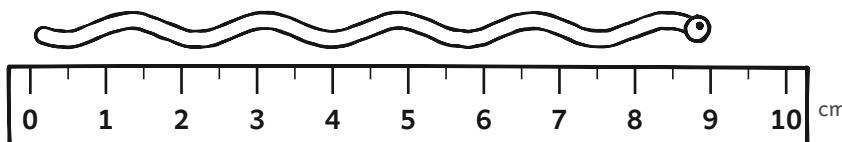
foot yard

Guess, then measure

Cover the ruler and write a guess first. Then measure. How close were you?



11 centimeters



9 centimeters

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GUIDE

① What this sheet practises

Making sensible guesses of length in inches, feet, yards, centimeters and meters, then checking by measuring.

② A problem from the sheet, worked out

About how long? Circle the unit that makes sense.

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centimeters meters

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centimeters meters

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A door is about 7 ____ tall.

inches feet yards

A paper clip is about 3 ____ long.

centimeters meters

How: Keep a picture of each unit in mind: an inch is about a paperclip, a foot is a ruler, a meter is a big step. Ask which unit gives a sensible number.

③ Words to know

estimate a close guess

foot 12 inches, about a ruler

yard 3 feet, about a big step

meter 100 centimeters, a bit longer than a yard

④ Watch for

- Picking the unit by the number alone: a 1 yard book.
- Mixing up feet and yards, or centimeters and meters.
- Measuring before guessing, so the guess isn't a guess.

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.3

Estimate lengths in inches, feet, centimeters and meters.

NEXT

3.MD.A.2

Measure and estimate liquid volume and mass in liters, grams and kilograms.

⑥ Helping at home

Guess the length of a table, a bed or a hallway, then measure it. Talk about how close the guess was.