

1 Warm-up: Mental Math

2-min Fluency Warm-up — Solve in your head.

$7 + 5 = \underline{\hspace{2cm}}$

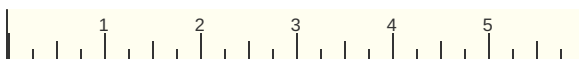
$12 - 4 = \underline{\hspace{2cm}}$

$9 + 6 = \underline{\hspace{2cm}}$

$15 - 8 = \underline{\hspace{2cm}}$

2 Learn: How to Use a Ruler

Line up the 0 end of the ruler with the start of the object. Read the number where the object ends. That is the length!

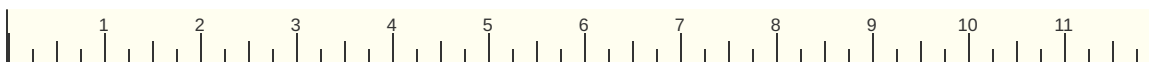


inches

Watch out! If the object does not start at 0, count the inches it covers instead of just reading the end number.

3 Measure in Inches

Measure each line with your inch ruler. Line up the 0!



inches

_____ A. ____ inches

_____ B. ____ inches

_____ C. ____ inches

_____ D. ____ inches

4 Number Talk: Compare Without Measuring

Number Talk — Explain WITHOUT measuring.

Look at lines A and D above. Which is longer? How can you tell just by looking?

My thinking: _____

A pencil is 7 inches. A crayon is 4 inches. About how many inches longer is the pencil? Explain how you know.

My thinking: _____

5 Challenge: Measure Real Objects

Challenge — Find 2 real objects at home. Measure each with a ruler.

Object 1: _____

Length: _____ inches

Object 2: _____

Length: _____ inches

Which object was longer? _____