

1 Warm-up: Mental Math

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

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

$17 - 8 = \underline{\hspace{2cm}}$

$6 + 7 = \underline{\hspace{2cm}}$

$12 - 3 = \underline{\hspace{2cm}}$

2 Estimate First: Real Objects

Estimate First! Estimate each length BEFORE checking. Then measure or look it up with a grown-up.

The width of this paper

Estimate: $\underline{\hspace{2cm}}$ inches

Actual: $\underline{\hspace{2cm}}$ inches

Your hand from wrist to fingertip

Estimate: $\underline{\hspace{2cm}}$ cm

Actual: $\underline{\hspace{2cm}}$ cm

The height of your water cup

Estimate: $\underline{\hspace{2cm}}$ cm

Actual: $\underline{\hspace{2cm}}$ cm

The length of your foot

Estimate: $\underline{\hspace{2cm}}$ inches

Actual: $\underline{\hspace{2cm}}$ inches

3 Word Problems: Think About What Is Happening

Read carefully. Think about what is happening in the situation. Draw if it helps!

Jake's paper chain is 38 cm long. He adds more links until it is 63 cm long. How many centimeters did he add?

Draw or write your thinking: $\underline{\hspace{4cm}}$

$\underline{\hspace{2cm}}$ cm

A garden row is 72 inches long. Dad plants flowers along 45 inches of it. How many inches of the row are still empty?

Draw or write your thinking: $\underline{\hspace{4cm}}$

$\underline{\hspace{2cm}}$ inches

Nia's jump was 34 inches. Her second jump was 19 inches farther. How far was her second jump?

Draw or write your thinking: $\underline{\hspace{4cm}}$

$\underline{\hspace{2cm}}$ inches

4 Show Two Different Ways

Show two different ways to solve: A string is 50 cm. You cut off 23 cm. How much string is left?

Strategy 1 (subtract): $\underline{\hspace{4cm}}$

Strategy 2 (count up from 23): $\underline{\hspace{4cm}}$

Answer: $\underline{\hspace{2cm}}$ cm

5 Challenge: Create Your Own

Create Your Own Word Problem

Write a word problem about measuring something you love (a pet, a toy, a bike...). Use inches or cm. Then solve it.

Answer: _____