

1 Warm-up: Mental Math

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

$8 + 8 = \underline{\hspace{2cm}}$

$14 - 7 = \underline{\hspace{2cm}}$

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

$13 - 5 = \underline{\hspace{2cm}}$

2 Learn: Centimeters

A **centimeter (cm)** is smaller than an inch. Your fingertip is about 1 cm wide. We use cm to measure small things carefully.



centimeters

3 Estimate First!

Estimate First! Look at each line. Write your estimate BEFORE you measure. Then measure with your cm ruler.

_____ A.

My estimate: _____ cm

Measured: _____ cm

_____ B.

My estimate: _____ cm

Measured: _____ cm

_____ C.

My estimate: _____ cm

Measured: _____ cm

_____ D.

My estimate: _____ cm

Measured: _____ cm

Was your estimate close? A good estimate is within 2 cm!

4 Choose the Best Unit

Circle the best unit to measure each object: **cm**, **inches**, **feet**, or **meters**.

The length of an ant

cm | inches | feet | meters

The height of a door

cm | inches | feet | meters

The length of your shoe

cm | inches | feet | meters

The length of a soccer field

cm | inches | feet | meters

5 Word Problem

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

Maya's ribbon is 30 cm long. She cuts off a piece that is 12 cm to wrap a present. How long is the ribbon that is left?

Draw or write your thinking: _____

_____ cm