MATH

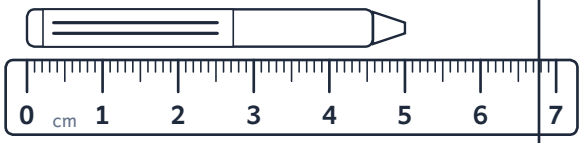
Inches and centimeters

Name _____ Date _____

I can measure with a ruler in inches and centimeters.

1 How it works

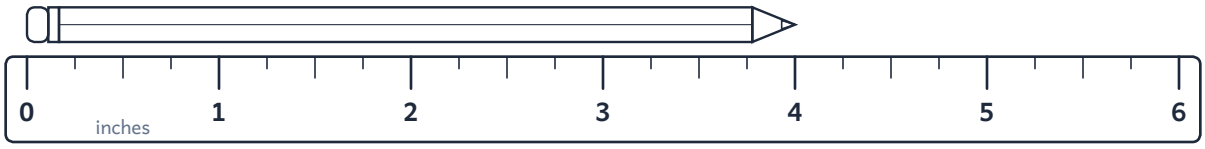
Line up one end with the 0 on the ruler, not with the edge. Read the number at the other end. An inch is longer than a centimeter, so the same thing takes fewer inches.



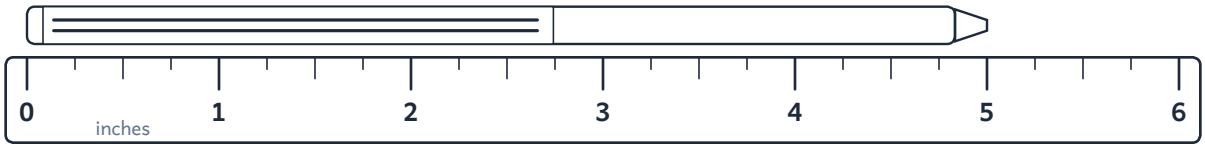
The crayon is 5 cm long.

2 How long is it in inches?

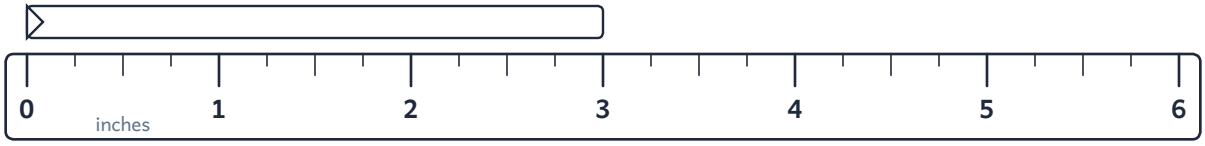
Start at 0.



_____ in



_____ in



_____ in

How did I do? ☆ ☆ ☆

Scan for more free practice

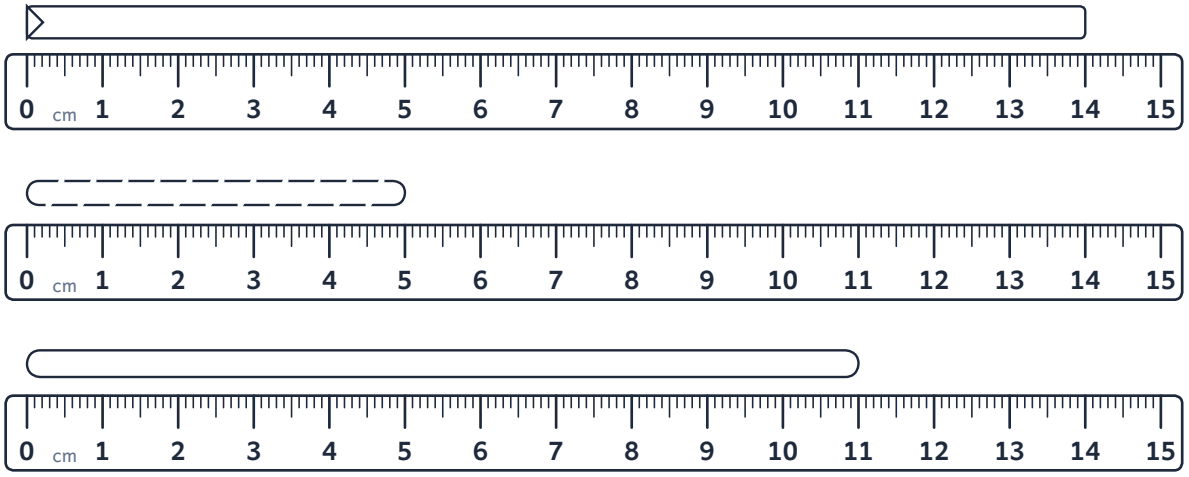
Measure in centimeters

Name _____ Date _____

I can measure in centimeters and compare lengths.

1 How long is it in centimeters?

Start at 0.



_____ cm

_____ cm

_____ cm

2 Compare the lengths

1. How much longer is the ribbon than the straw? _____
2. How much shorter is the stick than the ribbon? _____
3. How long are the stick and the straw end to end? _____

How did I do? ☆ ☆ ☆

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MATH · INCHES AND CENTIMETERS

Measure with your ruler

Name ______________________ **Date** ______________

I can use a ruler to measure and to draw lines.

1 Measure each one with a ruler

Print at actual size (100%).



☐ in



☐ in



☐ cm



☐ cm

2 Use a ruler to draw a line

4 inches long: o

9 centimeters long: o

3 Think about it

1. Which is longer, 1 inch or 1 centimeter? ☐
2. Would you measure a book in inches or in feet? ☐
3. About how many centimeters are in 1 inch? ☐

How did I do? ☆ ☆ ☆

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Word problems

Name _____ Date _____

I can solve problems about length.

1 Read, think, answer

1 Aisha's pencil is 7 inches long. Omar's pencil is 4 inches long. How much longer is Aisha's pencil?

Answer:

2 A ribbon is 15 centimeters long. Mom cuts off 6 centimeters. How long is the ribbon now?

Answer:

3 Mia lines up a toy snake with the 1 on the ruler, not the 0. The end is at 6. How long is the snake really?

Answer:

4 Two books are 9 inches and 11 inches long. If you lay them end to end, how long is the row?

Answer:

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: inches and centimeters

1 Page 1

Inches: 1) 4 inches, 2) 5 inches, 3) 3 inches.

2 Page 2

Centimeters: 1) 14 cm, 2) 5 cm, 3) 11 cm.
Compare: 1) 9 cm 2) 3 cm 3) 16 cm.

3 Page 3

Measure: 1) 3 in, 2) 4 in, 3) 10 cm, 4) 5 cm.
Draw: lines 4 inches and 9 centimeters long, starting at the dot.
Think: 1) 1 inch 2) inches 3) about 2 and a half.

4 Page 4: word problems

1) 3 inches longer (7 − 4 = 3)
2) 9 centimeters (15 − 6 = 9)
3) 5 units long (6 − 1 = 5). Always start at 0.
4) 20 inches (9 + 11 = 20)

5 Teaching tip

Print at actual size (100%) so the objects on page 3 can be measured with a real ruler. The paper rulers page works too.

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