MATH

Inches and centimeters

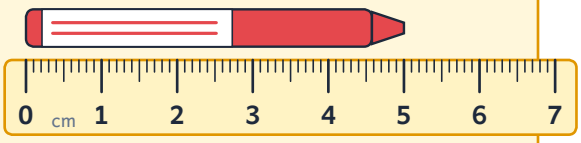


Name _____ Date _____

I can measure with a ruler in inches and centimeters.

1 How it works

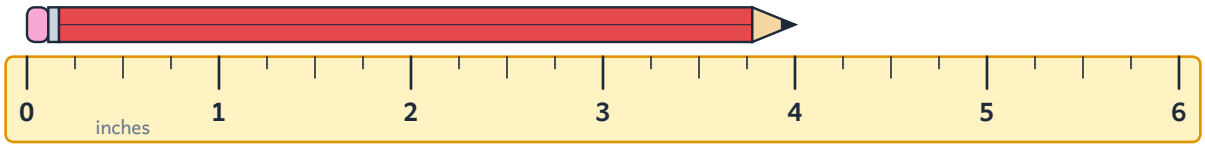
Line up one end with the 0 on the ruler, not with the edge. Read the number at the other end. An inch is longer than a centimeter, so the same thing takes fewer inches.



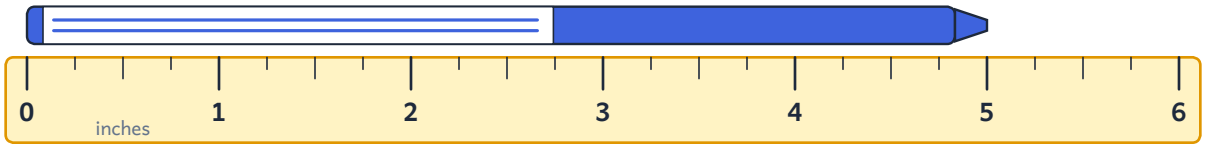
The crayon is 5 cm long.

2 How long is it in inches?

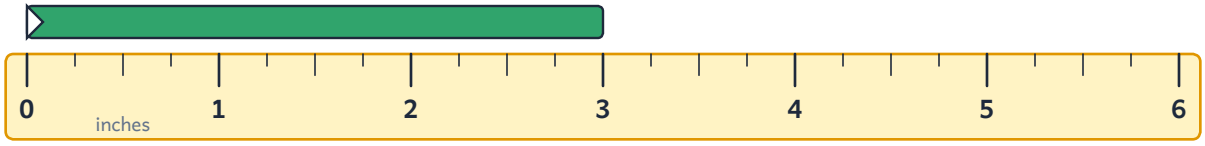
Start at 0.



_____ in



_____ in



_____ in

How did I do?

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MATH · INCHES AND CENTIMETERS

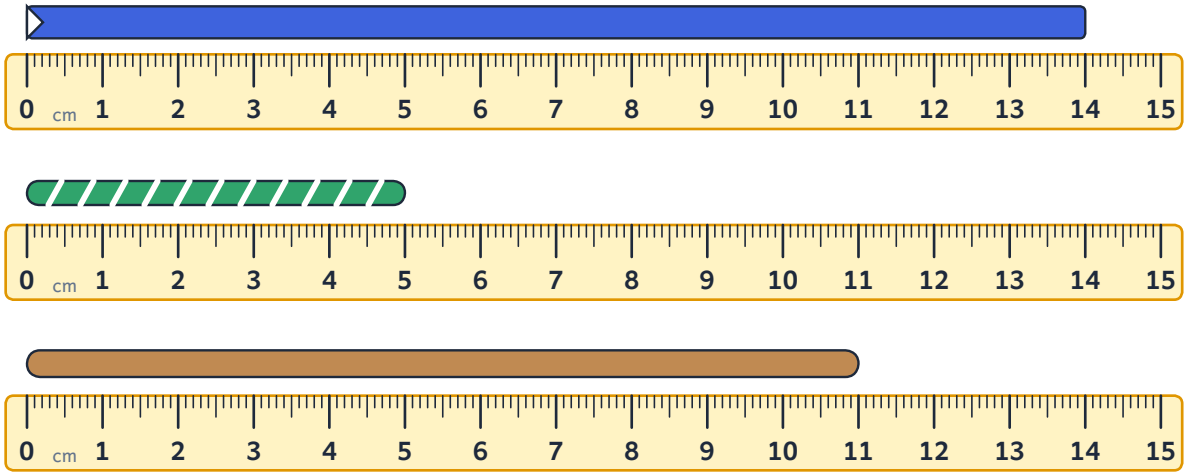
Measure in centimeters

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: •

9 centimeters long: •

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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MATH · INCHES AND CENTIMETERS

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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