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Unit 3Lesson 8CC BY NC 2024 Illustrative Mathematics®

Unit 3, Lesson 8

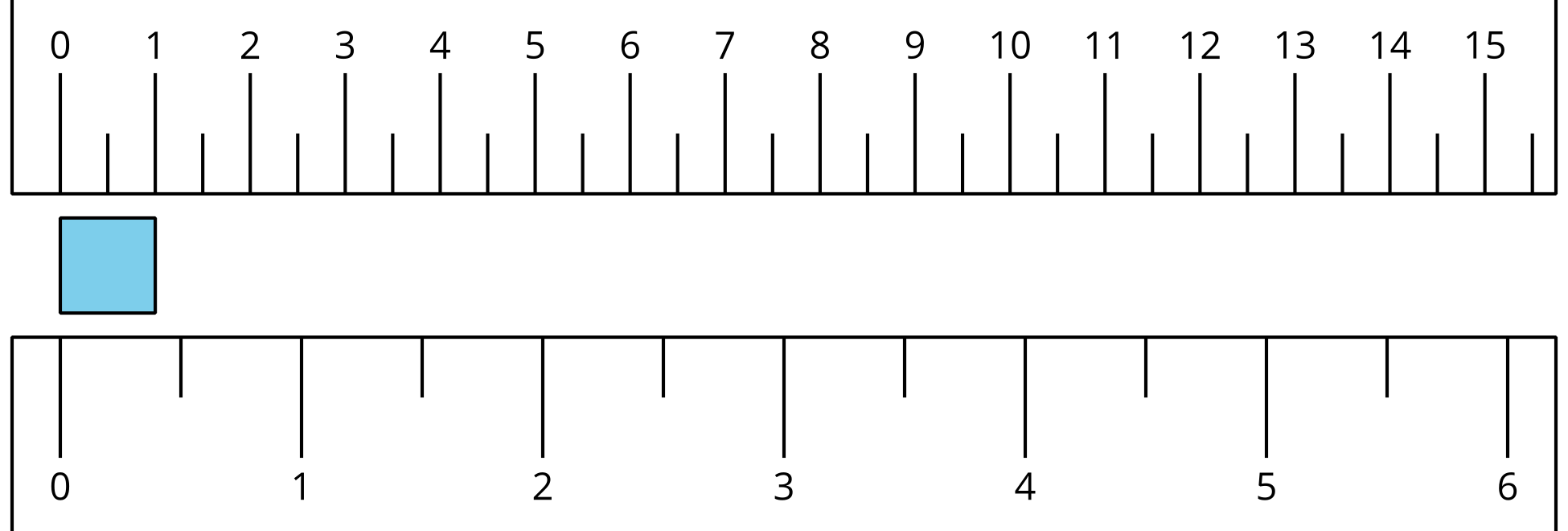
# What Is an Inch?

* Let’s measure in inches.

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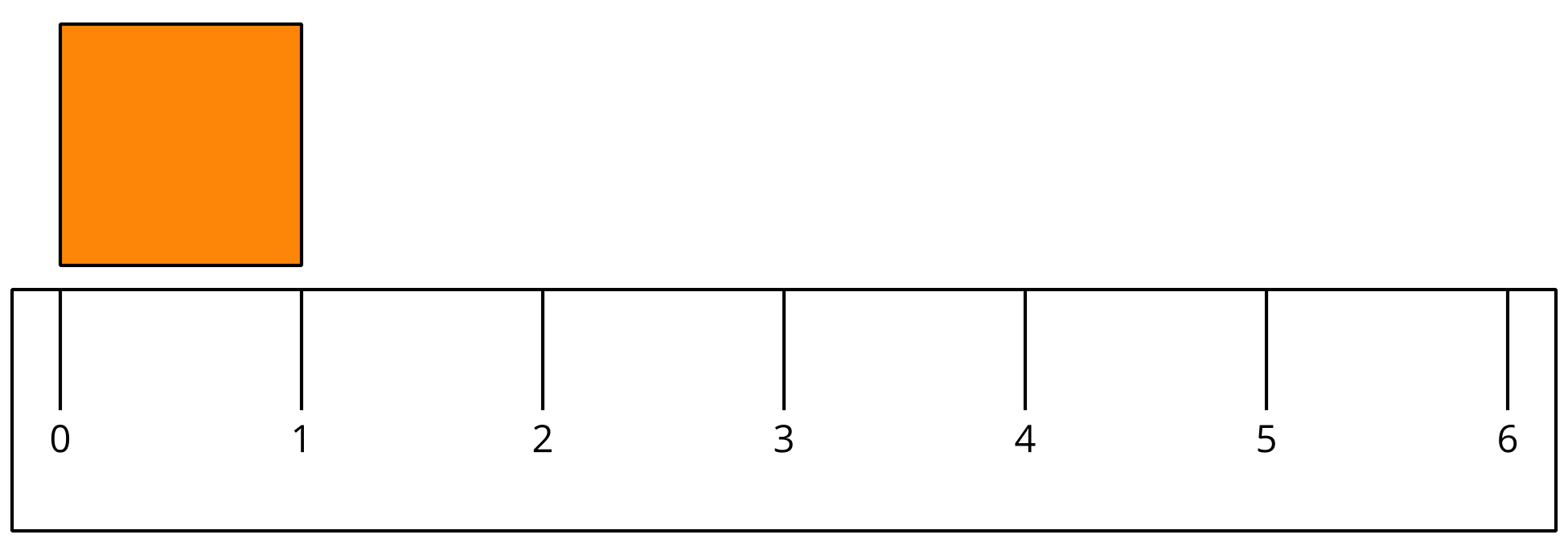
## Warm-upNotice and Wonder: Inches and Centimeters

What do you notice? What do you wonder?



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## Activity 1What Is an Inch?



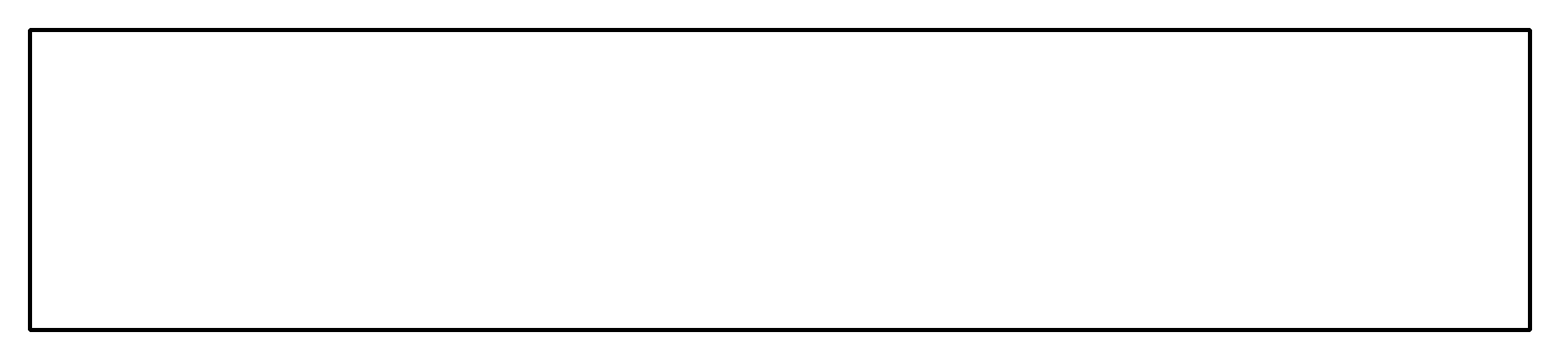
1. Find 2 items that are about an inch long.
   1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Measure the length of each object.

| object to measure | length in inches |
| --- | --- |
| marker |  |
| colored pencil |  |
| 11 connecting cubes |  |
| a book |  |
| your choice objects: |  |
|  |  |
|  |  |

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## Activity 2Measure the Sides of Shapes

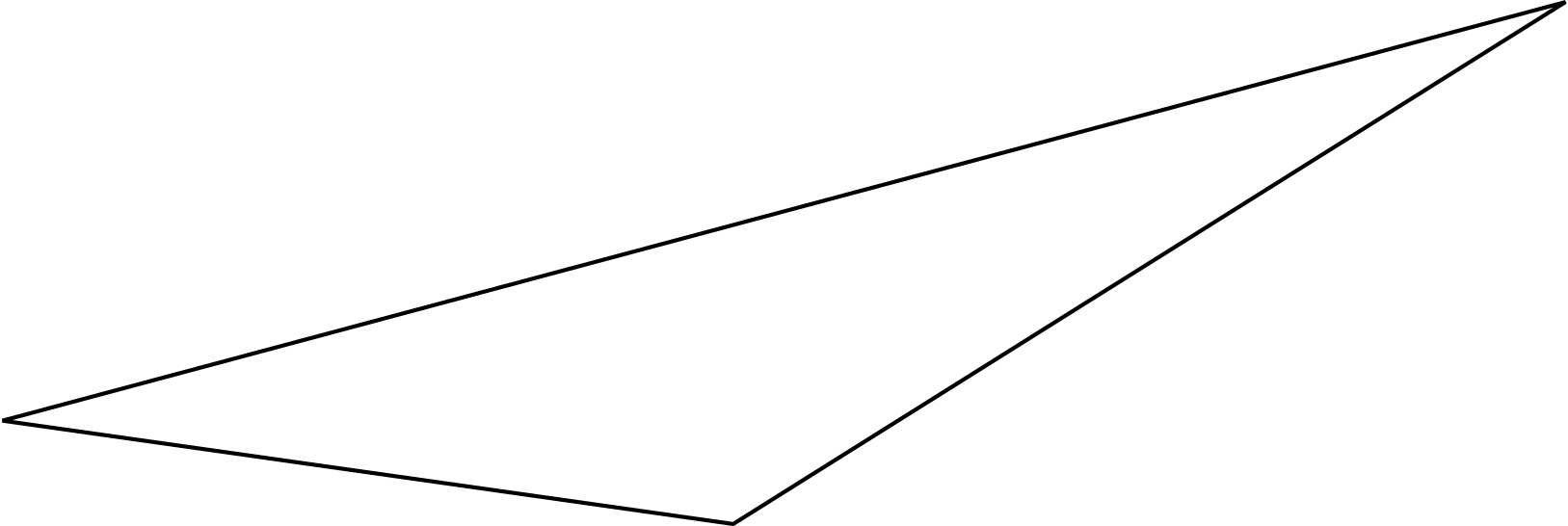
1. Here is a rectangle.

* 
* Estimate the length of the long side of the rectangle. Use inches.
* Estimate: \_\_\_\_\_\_\_\_\_\_\_\_ in
* Measure the long side of the rectangle. Use inches.
* Actual length: \_\_\_\_\_\_\_\_\_\_\_\_ in

1. Here is a square.

* 
* Estimate the length of 1 side of the square. Use inches.
* Estimate: \_\_\_\_\_\_\_\_\_\_\_\_ in
* Measure 1 side of the square. Use inches.
* Actual length: \_\_\_\_\_\_\_\_\_\_\_\_ in

1. Here is a triangle.

* 
* Estimate the length of the longest side of the triangle. Use inches.
* Estimate: \_\_\_\_\_\_\_\_\_\_\_\_ in
* Measure the longest side of the triangle. Use inches.
* Actual length: \_\_\_\_\_\_\_\_\_\_\_\_ in