

Name \_\_\_\_\_

# Inches

## Lesson 1

### ESSENTIAL QUESTION

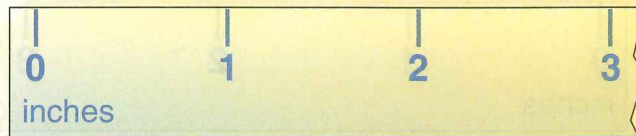
How can I measure objects?



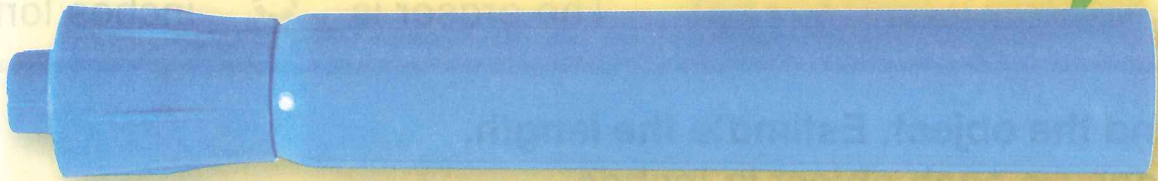
## Explore and Explain



Hold still up there!



\_\_\_\_\_ inches



\_\_\_\_\_ inches

\_\_\_\_\_ inches



\_\_\_\_\_ inches



**Teacher Directions:** Place a color tile above the ruler. Line it up with the 0. The color tile is one inch long. Use color tiles to measure the length of each object on the page. Write each length in inches.

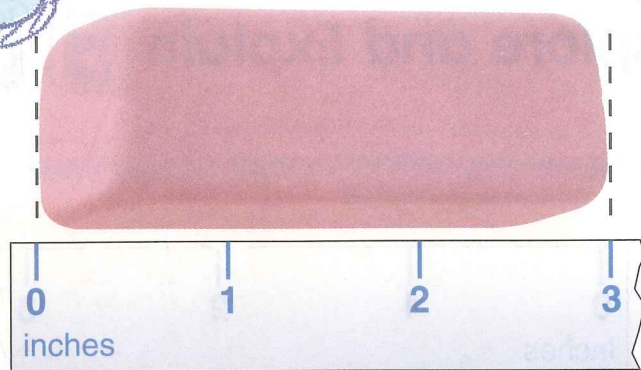
# See and Show

Processes & Practices

One **inch** is about the **length** of one color tile. You can use what you know about inches to **estimate** the length of an object. Then use an inch ruler to **measure** the length.

### Helpful Hint

Estimate: The length is about 3 inches.



The eraser is 3 inches long.

Find the object. Estimate the length.  
Measure each object in inches.

| Object    | Estimate           | Measure            |
|-----------|--------------------|--------------------|
| <p>1.</p> | about _____ inches | about _____ inches |
| <p>2.</p> | about _____ inches | about _____ inches |




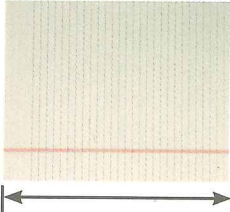

## Talk Math

How do you use a ruler to measure inches?

Name \_\_\_\_\_

## On My Own

Find the object. Estimate the length.  
Measure each object in inches.

| Object  | Estimate           | Measure            |
|---|--------------------|--------------------|
| 3.<br>   | about _____ inches | about _____ inches |
| 4.<br>   | about _____ inches | about _____ inches |
| 5.<br> | about _____ inches | about _____ inches |
| 6.<br> | about _____ inches | about _____ inches |
| 7.<br> | about _____ inches | about _____ inches |



## Problem Solving

↓  
Processes  
& Practices

8. Kaya's surfboard must be at least 15 inches longer than 48 inches. Should Kaya choose a surfboard that is 55 inches long or 65 inches long?

\_\_\_\_\_ inches long

9. Owen's foot is 6 inches long. His dad's foot is 6 inches longer than Owen's foot. How long is his dad's foot?

\_\_\_\_\_ inches

10. Carter estimates his math book is 7 inches long. Wyatt estimates it is 15 inches long. The book is 8 inches long. Whose estimate is closer?

\_\_\_\_\_

### Write Math

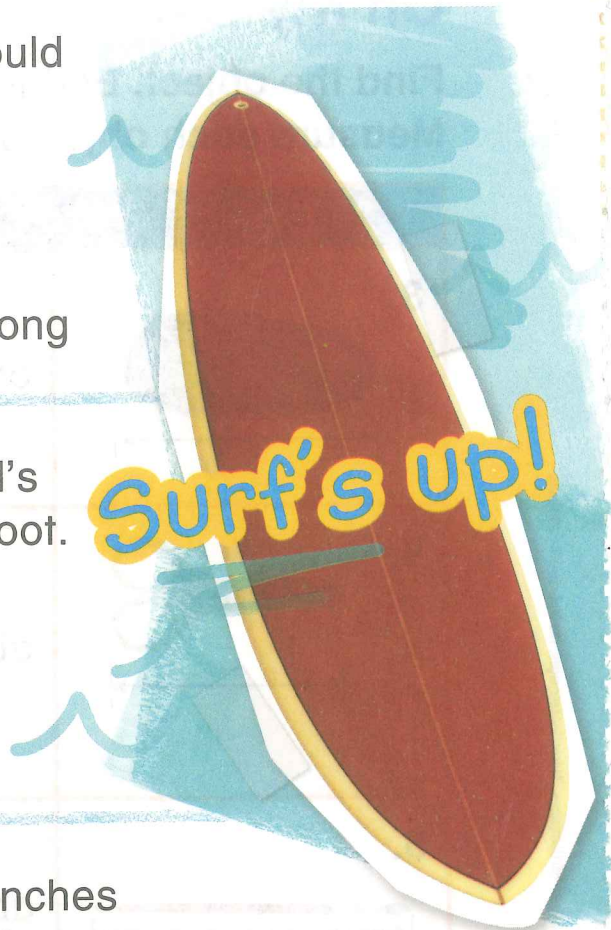
How are an estimate and an actual measurement different?

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Surf's up!



Name \_\_\_\_\_

# My Homework

Lesson 1

Inches

## Homework Helper

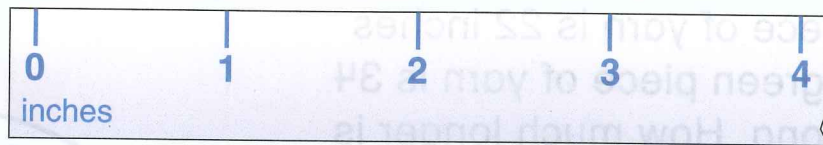


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Estimate the length of an object. Then check your estimate by measuring the length with an inch ruler.

### Helpful Hint

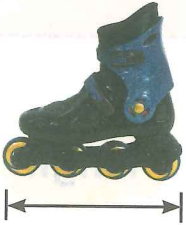
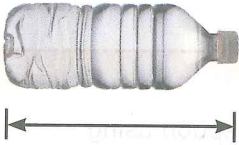
A small paper clip is about 1 inch long.



The chalk is 2 inches long.

## Practice

Find the object. Estimate the length. Measure each object in inches.

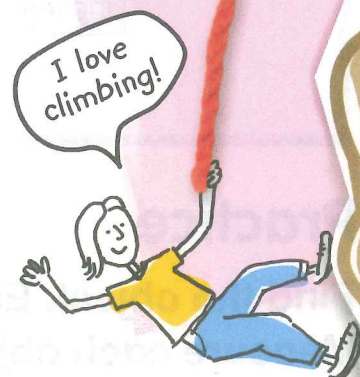
| Object   | Estimate           | Measure            |
|--|--------------------|--------------------|
| 1.  | about _____ inches | about _____ inches |
| 2.  | about _____ inches | about _____ inches |

Find two objects. Draw them. Estimate the length.  
Measure each object in inches.

| Object | Estimate           | Measure            |
|--------|--------------------|--------------------|
| 3.     | about _____ inches | about _____ inches |
| 4.     | about _____ inches | about _____ inches |

5. A red piece of yarn is 22 inches long. A green piece of yarn is 34 inches long. How much longer is the green piece of yarn?

\_\_\_\_\_ inches



## Vocabulary Check



Circle the correct answer.

estimate

inch

measure

length

6. An \_\_\_\_\_ is a unit for measuring length.



**Math at Home** Ask your child to measure the length of a fork and a spoon using an inch ruler.

Name .....

# Feet and Yards

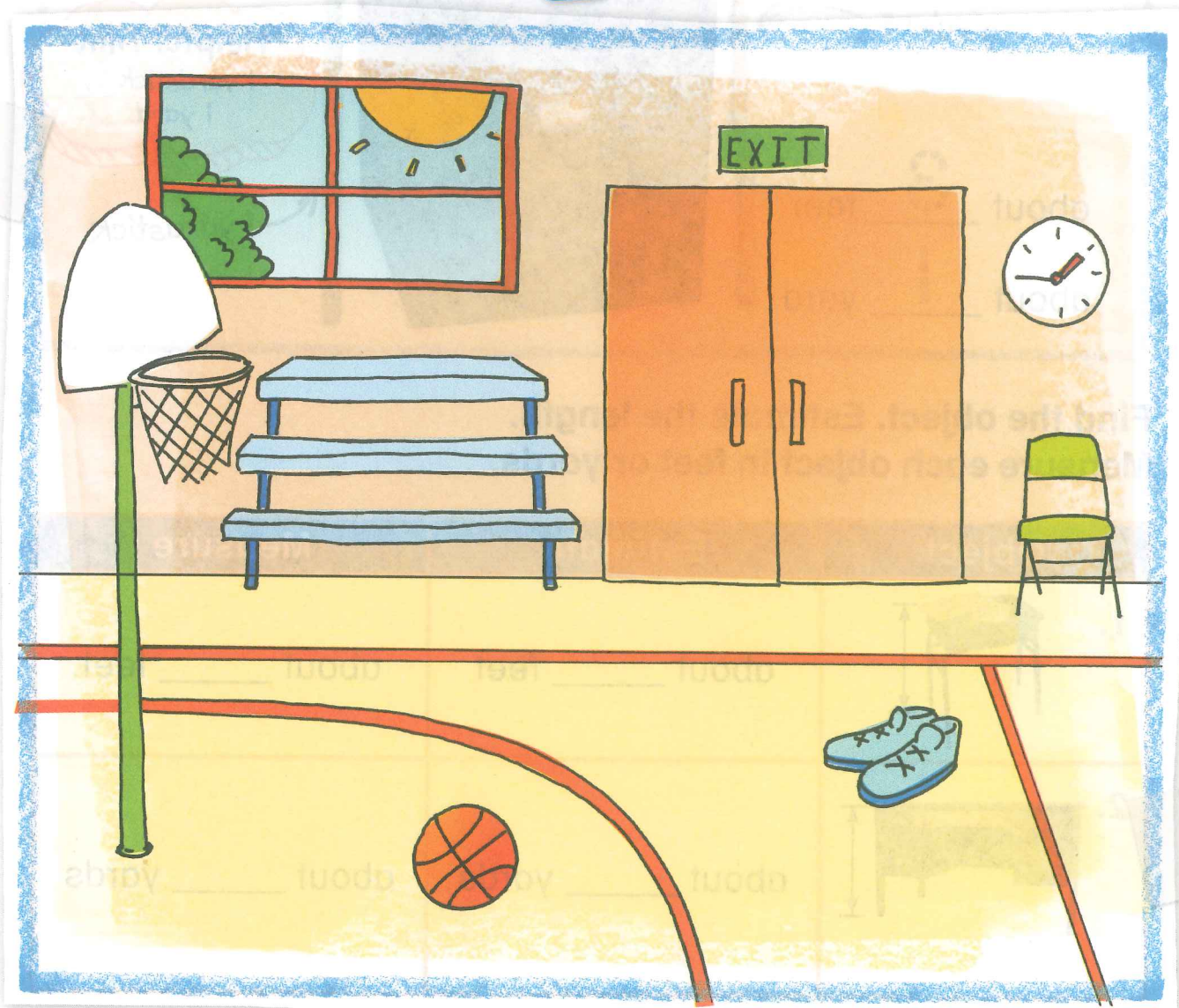
## Lesson 2

### ESSENTIAL QUESTION

How can I measure objects?



## Explore and Explain



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**Teacher Directions:** Discuss each object in the picture. Circle the objects that could be measured with an inch ruler. Draw an X on the objects that are too big to be measured with an inch ruler.

You can measure in feet or yards. A **foot** is equal to 12 inches. A **yard** is equal to 36 inches. Length can be measured in any direction.

**Helpful Hint**  
3 rulers is 3 feet.

3 rulers →

about 3 feet



about 1 yard



**Helpful Hint**  
1 yardstick is 1 yard.

← 1 yardstick

Find the object. Estimate the length. Measure each object in feet or yards.

| Object   | Estimate          | Measure           |
|--|-------------------|-------------------|
| 1.  | about _____ feet  | about _____ feet  |
| 2.  | about _____ yards | about _____ yards |

## Talk Math

How can you measure a large object with a ruler?



Name \_\_\_\_\_

# My Homework

Lesson 2

Feet and Yards

## Homework Helper



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One foot is equal to 12 inches. One yard is equal to 36 inches. A ruler is 1 foot long. A yardstick is 1 yard long.

### Helpful Hint

3 feet = 36 inches



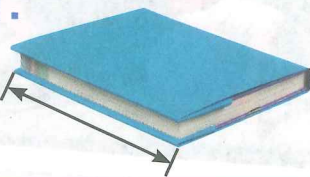

ruler




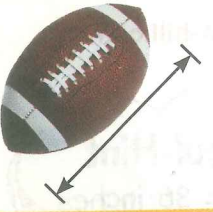
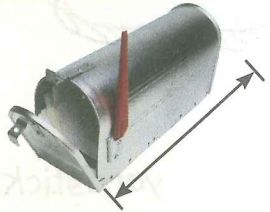
yardstick

## Practice

Find the object. Estimate the length. Measure each object in feet or yards.

| Object   | Estimate          | Measure           |
|--|-------------------|-------------------|
| 1.  | about _____ feet  | about _____ feet  |
| 2.  | about _____ yards | about _____ yards |

Find the object. Estimate the length. Measure each object in feet or yards.

| Object   | Estimate          | Measure           |
|--|-------------------|-------------------|
| 3.  | about _____ yards | about _____ yards |
| 4.  | about _____ foot  | about _____ foot  |
| 5.  | about _____ feet  | about _____ feet  |

6. The sidewalk from Ameila's house to her driveway is 96 inches long. How many feet long is the sidewalk?

\_\_\_\_\_ feet



Sidewalk race!

### Vocabulary Check



Circle the correct answer.

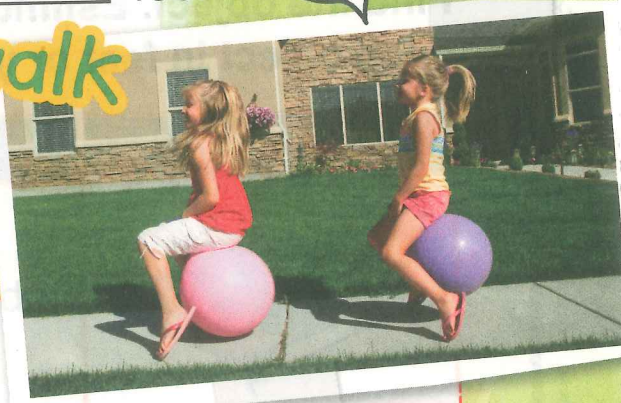
7. **foot**

3 yards

12 inches

36 inches

1 yard



**Math at Home** Ask your child to measure his or her room using a yardstick or a ruler.