

Name _____

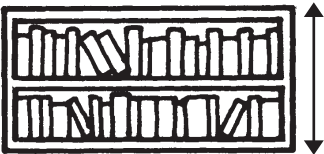
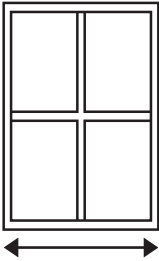
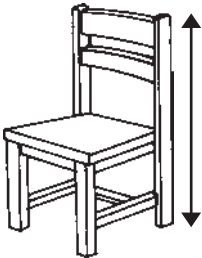
HANDS ON Lesson 8.6

Measure in Inches and Feet



COMMON CORE STANDARD—2.MD.2
Measure and estimate lengths in standard units.

Measure to the nearest inch.
Then measure to the nearest foot.

Find the real object.	Measure.
<p>1. bookcase</p> 	<p>_____ inches</p> <p>_____ feet</p>
<p>2. window</p> 	<p>_____ inches</p> <p>_____ feet</p>
<p>3. chair</p> 	<p>_____ inches</p> <p>_____ feet</p>

Problem Solving



4. Jake has a piece of yarn that is 4 feet long.
Blair has a piece of yarn that is 4 inches long.
Who has the longer piece of yarn? Explain.

Lesson Check (2.MD.2)

1. Larry is telling his sister about using a ruler to measure length. Fill in the blanks with 'inch' or 'foot' to make the sentence true.

I _____ is longer than I _____.

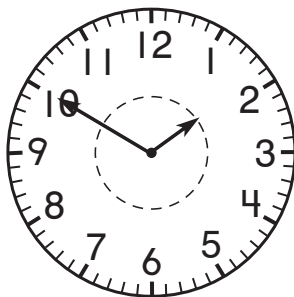
Spiral Review (2.NBT.5, 2.NBT.7, 2.MD.7, 2.MD.8)

2. Matt put this money in his pocket. What is the total value of this money?



\$ _____

3. What time is shown on this clock?



____ : ____

4. Ali had 38 game cards. Her friend gave her 15 more game cards. How many game cards does Ali have now?

_____ cards

Name _____

Estimate Lengths in Feet**COMMON CORE STANDARD—2.MD.3**
Measure and estimate lengths in standard units.

Find each object.

Estimate how many 12-inch rulers will be about the same length as the object.

1. door

Estimate: _____ rulers, or _____ feet

2. flag

Estimate: _____ rulers, or _____ feet

3. wall of a small room

Estimate: _____ rulers, or _____ feet

Problem Solving

Solve. Write or draw to explain.

4. Mr. and Mrs. Baker place 12-inch rulers along the length of a rug. They each line up 3 rulers along the edge of the rug. What is the length of the rug?

about _____ feet

Lesson Check (2.MD.3)

1. Estimate how many 12 inch rulers will be about the same length as a bike.

_____ rulers, or _____ feet

2. Estimate how many 12 inch rulers will be about the same length as a keyboard.

_____ rulers, or _____ feet

Spiral Review (2.NBT.5, 2.NBT.7, 2.MD.8)

3. What is the total value of 2 quarters, 3 dimes, and 4 nickels?

\$ _____

4. What is the total value of 2 dimes, 3 nickels, and 2 pennies?

\$ _____ or _____ cents

5. There are 68 children in the school. There are 19 children on the playground. How many more children are in the school than on the playground?

_____ children

6. What is the sum?

$$\begin{array}{r} 548 \\ + 436 \\ \hline \end{array}$$

Name _____

Choose a Tool

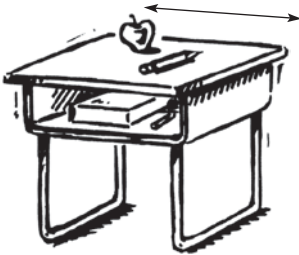


COMMON CORE STANDARD—2.MD.1
Measure and estimate lengths in standard units.

Choose the best tool for measuring the real object. Then measure and record the length or distance.

- inch ruler
- yardstick
- measuring tape

1. the length of your desk



Tool: _____

Length: _____

2. the distance around a basket



Tool: _____

Length: _____

Problem Solving Real World

Choose the better tool for measuring.
 Explain your choice.

3. Mark wants to measure the length of his room.
 Should he use an inch ruler or a yardstick?

Mark should use _____ because

Lesson Check (2.MD.1)

1. Kim wants to measure the distance around her bike tire. Circle the best tool for her to use.

cup yardstick
color tiles measuring tape

2. Ben wants to measure the length of a seesaw. Circle the best tool for him to use.

cup yardstick
color tiles paper clips

Spiral Review (2.MD.2, 2.MD.3, 2.MD.5, 2.MD.6)

3. Estimate how many 12 inch rulers will be about the same length as a sheet of paper.

_____ ruler, or _____ foot

4. Andy has a rope that is 24 inches long. He cuts off 7 inches from the rope. How long is the rope now?

_____ inches

5. Jan is telling her friend about using a ruler to measure length. Fill in the blanks with inches or foot to make the sentence true.

12 _____ is the same length as 1 _____.

Display Measurement Data

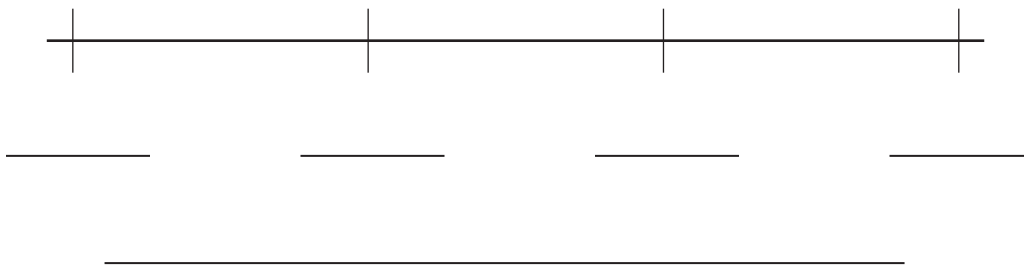


COMMON CORE STANDARD—2.MD.9
Represent and interpret data.

- Use an inch ruler.
Measure and record the lengths of 4 different books in inches.

1st book: _____ inches
2nd book: _____ inches
3rd book: _____ inches
4th book: _____ inches

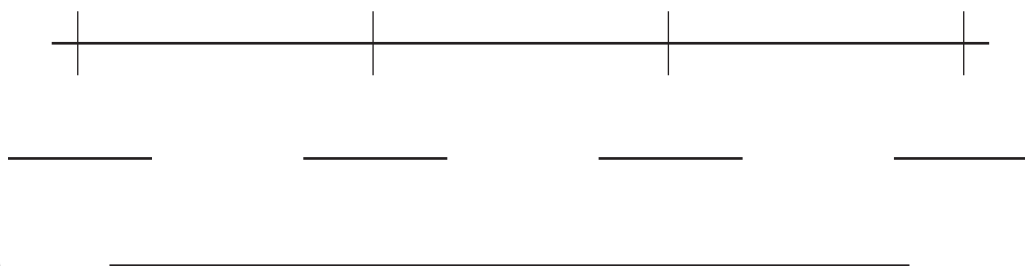
- Make a line plot of the information above.
Write a title for a line plot. Then write the numbers and draw the Xs.



Problem Solving



- Jesse measured the lengths of some strings.
Use his list to complete the line plot.

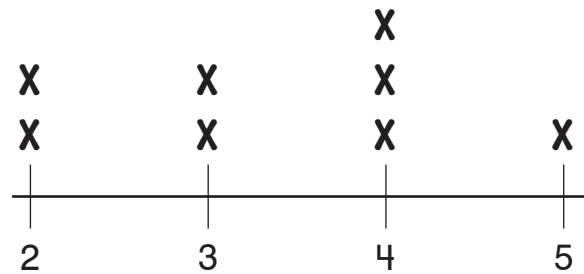


Lengths of Strings
5 inches
7 inches
6 inches
8 inches
5 inches

Lesson Check (2.MD.9)

1. Use the line plot. How many sticks are 4 inches long?

_____ sticks



Lengths of Sticks in Inches

Spiral Review (2.NBT.7, 2.MD.1, 2.MD.3, 2.MD.5, 2.MD.6)

2. Kim wants to measure a ball. Circle the best tool for Kim to use.

counter

pencil

paper clip

measuring tape

3. Estimate how many 12 inch rulers will be about the same length as a teacher's desk.

_____ rulers, or _____ feet

4. Kurt has a string that is 12 inches long and another string that is 5 inches long. How many inches of string does he have altogether?

_____ inches

5. One box has 147 books. The other box has 216 books. How many books are there in both boxes?

_____ books