

Name _____

My Homework

Lesson 1

Inches

Homework Helper

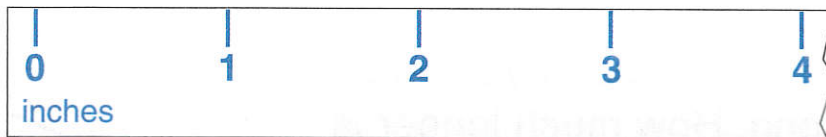


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Estimate the length of an object. Then check your estimate by measuring the length with an inch ruler.

Helpful Hint


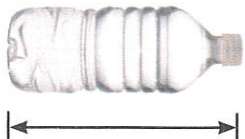
A small paper clip is about 1 inch long.



The chalk is 2 inches long.

Practice

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

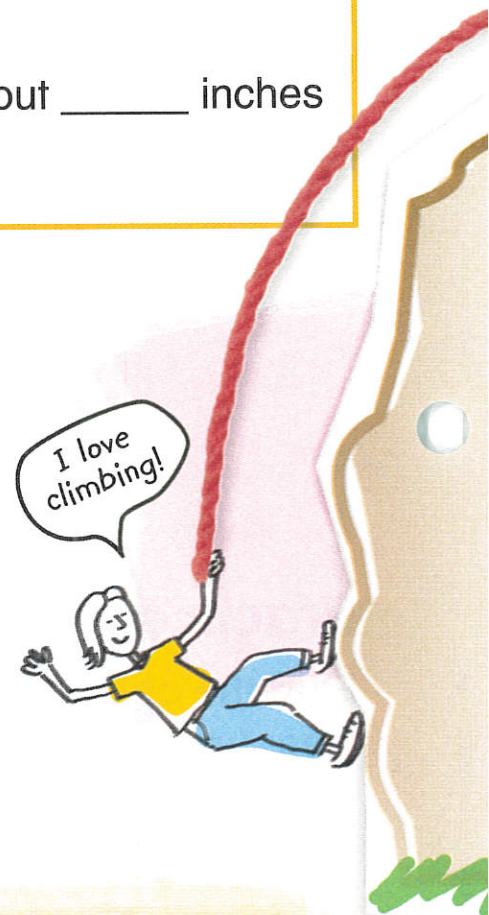
Object	Estimate	Measure
1. 	about _____ inches	about _____ inches
2. 	about _____ inches	about _____ inches

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

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


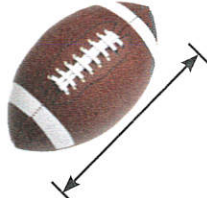
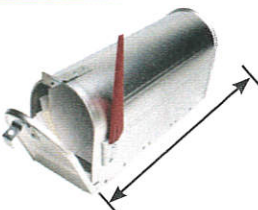


Practice

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

Object	Estimate	Measure
<p>1.</p>	about _____ feet	about _____ feet
<p>2.</p>	about _____ yards	about _____ yards

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

Object	Estimate	Measure
<p>3.</p> 	about _____ yards	about _____ yards
<p>4.</p> 	about _____ foot	about _____ foot
<p>5.</p> 	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.

Name _____

My Homework

Lesson 3

Select and Use Customary Tools

Homework Helper



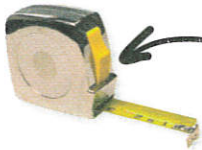
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You can select and use tools to measure length.

← inch ruler



← yardstick





← measuring tape

Helpful Hint

Measure objects shorter than a foot with an inch ruler, objects longer than a foot with a yardstick, and objects longer than 3 feet with a measuring tape.

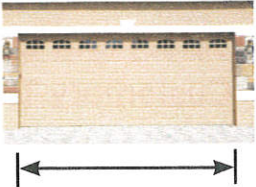
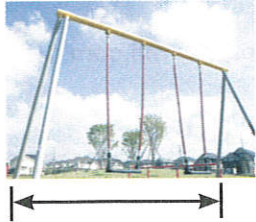

Practice

Find the object. Choose the tool and measure it.

Object	Tool	Measure
1. 	_____	about _____
2. 	_____	about _____

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Find the object. Choose the tool and measure it.

Object	Tool	Measure
<p>3.</p> 	_____	about _____
<p>4.</p> 	_____	about _____
<p>5.</p> 	_____	about _____

6. There are 36 inches in 3 feet. How many inches are in 6 feet?

_____ inches

I wish I had 3 feet. I'd go faster!



Test Practice

7. Four feet is equal to _____ inches.

12

24

36

48



Math at Home Have your child measure the width of his or her room using a ruler, a yardstick, and a measuring tape. Talk about which tool is the best choice.

Name _____

My Homework

Lesson 4

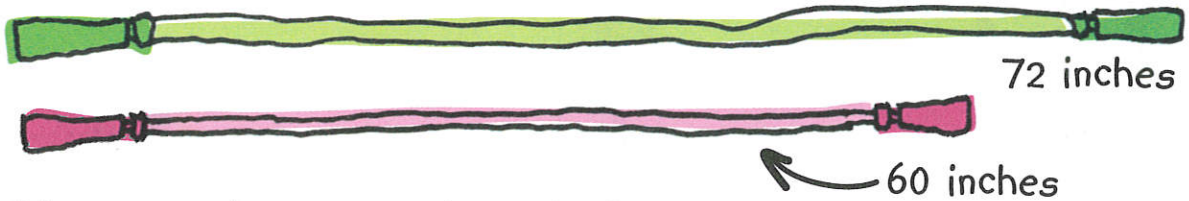
Compare Customary Lengths

Homework Helper



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You can compare the lengths of objects.

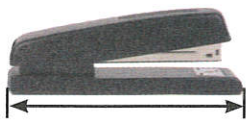


The green jump rope is 12 inches longer.

Practice

Find the objects. Measure them. Write the lengths. Write longer or shorter.

1.



_____ inches



_____ inches

The crayon is _____ inches _____.

2.



_____ feet



_____ feet

The rug is _____ feet _____.

Find the objects. Measure them. Write the lengths.
Write longer or shorter.

3.



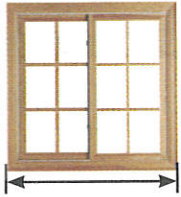
_____ inches



_____ inches

The pencil is _____ inches _____.

4.



_____ feet



_____ feet

The window is _____ feet _____.

5. The first grade classroom is 27 feet wide. The second grade classroom is 24 feet wide. Which classroom is wider?

Test Practice

6. 2 yards is equal to _____ feet.

3



6



24



32



Math at Home Have your child measure two rooms in your house and compare the lengths.

My Homework

Lesson 5

Relate Inches, Feet, and Yards

Homework Helper



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You can use different units of length to measure the same object.

The rope is 21 feet long.




It is 7 yards long.

21 feet
or 7 yards

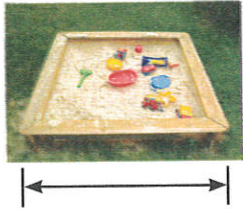
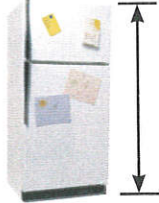


Practice

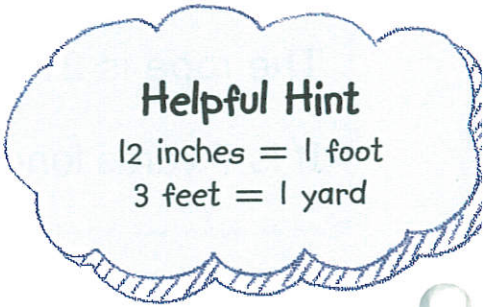
Find each object. Measure the length of each object twice.

Object	Measurement
<p>1. </p>	<p>_____ feet</p> <p>_____ yards</p>
<p>2. </p>	<p>_____ yards</p> <p>_____ feet</p>
<p>3. </p>	<p>_____ inches</p> <p>_____ feet</p>

Find each object. Measure the length of each object twice.

Object	Measurement
<p>4.</p> 	<p>_____ feet</p> <p>_____ inches</p>
<p>5.</p> 	<p>_____ feet</p> <p>_____ yards</p>

6. Sam's closet is 4 feet wide. Tom's closet is 50 inches wide. Whose closet is wider?



7. The fence in Laura's backyard is 15 feet long. How many yards long is the fence?

_____ yards

Test Practice

8. 72 inches is equal to _____ yards.

1
○

2
○

3
○

4
○



Math at Home Have your child measure an object in your house using inches, feet, and yards. Discuss how each measurement relates to the size of the unit.

My Homework

Lesson 6

Problem Solving: Use Logical Reasoning

Dave is more than 40 inches tall. He is less than 43 inches tall. His height is an even number. How tall is Dave?



Dad says I'm growing like a weed!



1 Understand Underline what you know. Circle what you need to find.

2 Plan How will I solve the problem?

3 Solve Use logical reasoning.
Dave is either 41 or 42 inches tall.
42 is an even number.
Dave is 42 inches tall.

4 Check Is my answer reasonable?



Problem Solving

Underline what you know. Circle what you need to find. Use logical reasoning to solve.

1. A bookshelf is 14 inches wide. There is enough space to fit 2 trophies. One trophy is 2 inches wider than the other. How wide is the wider trophy?

_____ inches

2. Joan has a stalk of celery that is 6 inches long. She cuts it into two pieces. Each piece is the same length. How long is each piece.

_____ inches

3. Marlon and Brent are each measuring one of their shoes. Their shoes measure 11 inches in all. Marlon's shoe is 1 inch longer than Brent's shoe. How long is Brent's shoe?

_____ inches



Test Practice

4. 36 inches is _____ feet.

1

2

3

4



Math at Home Ask your child to estimate distances from one room to another. Have our child check by measuring.

Name

My Homework

Lesson 7

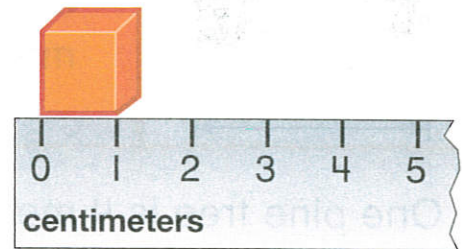
Centimeters and Meters

Homework Helper



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The cube is 1 centimeter long.
There are 100 centimeters in
1 meter.





Practice

Find the object. Estimate the length. Measure each object in centimeters or meters.

Object	Estimate	Measure
<p>1.</p>	<p>about _____ centimeters</p>	<p>about _____ centimeters</p>
<p>2.</p>	<p>about _____ centimeters</p>	<p>about _____ centimeters</p>
<p>3.</p>	<p>about _____ meters</p>	<p>about _____ meters</p>

Find the object. Estimate the width. Measure each object in centimeters or meters.

Object	Estimate	Measure
<p>4.</p> 	about _____ centimeters	about _____ centimeters
<p>5.</p> 	about _____ meters	about _____ meters

6. One pine tree is 4 meters tall. The other pine tree is 3 meters tall. How many centimeters taller is the first pine tree?

_____ centimeters

Vocabulary Check



7. Circle the answer that is the same as 1 **meter**.

1 centimeter

10 centimeters

100 centimeters

1,000 centimeters



Math at Home Have your child identify objects he or she would measure using centimeters.

Name _____

My Homework

Lesson 8

Select and Use Metric Tools

Homework Helper



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A centimeter ruler is used to measure smaller objects.





A meterstick is used to measure longer objects.





Practice

Find the object. Choose the tool and measure it.
Explain why you chose that tool.

Object	Tool	Measure
1. 	_____	about _____
2. 	_____	about _____

Find the object. Choose the tool and measure it.
Explain why you chose that tool.

Object	Tool	Measure
3. 	_____	about _____
4. 	_____	about _____

5. A tall slide at the pool is 10 meters high.
A small slide is 4 meters high. How much
higher is the tall slide?

_____ meters



6. The hundred meter dash is marked with
a blue line. The 400 meter dash is marked
with a red line. How much farther is the red line?

_____ meters

Test Practice

7. Eight meters is equal to _____ centimeters.

400

600

800

900



Math at Home Have your child identify objects he or she would measure using meters and centimeters.

My Homework

Lesson 9

Compare Metric Lengths

Homework Helper



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You can compare lengths of objects.

10 centimeters



7 centimeters

The brown guinea pig is 3 centimeters longer.

Practice

Find the objects. Measure them. Write the lengths. Write longer or shorter.

1.



_____ centimeters



_____ centimeters

The spoon is _____ centimeters _____.

2.



_____ meters



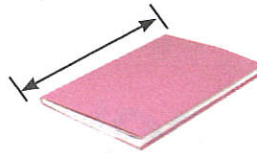
_____ meters

The house is _____ meters _____.

Find the objects. Measure them. Write the lengths.
Write longer or shorter.

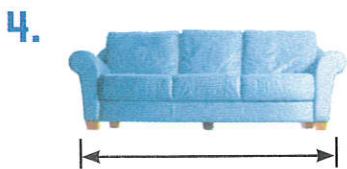


_____ centimeters

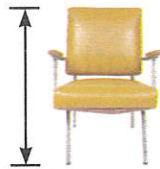


_____ centimeters

The crayon is _____ centimeters _____.



_____ meters



_____ meters

The couch is _____ meters _____.



5. The path from my house to the barn is 50 meters. The path from the barn to the pond is 30 meters. How long is the path in all?



_____ meters

Test Practice

6. $56 \text{ meters} + 35 \text{ meters} =$ _____ meters.

86



87



91



95



Math at Home Have your child measure two beds in your house and compare the lengths in meters.

My Homework

Lesson 10

Relate Centimeters and Meters

Homework Helper



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You can use different units of length to measure the same object.

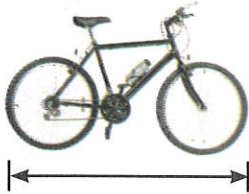


The yarn is 2 meters long.

It is 200 centimeters long.

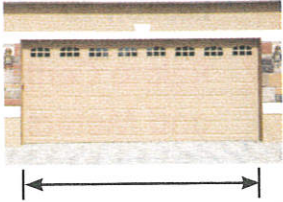



Practice

Find the object. Measure the length of each object twice.

Object	Measure
<p>1.</p> 	<p>_____ centimeters</p> <p>_____ meters</p>
<p>2.</p> 	<p>_____ centimeters</p> <p>_____ meters</p>
<p>3.</p> 	<p>_____ centimeters</p> <p>_____ meters</p>

Find the object. Measure the length of each object twice.

Object	Measure
<p>4.</p> 	<p>_____ centimeters</p> <p>_____ meters</p>
<p>5.</p> 	<p>_____ centimeters</p> <p>_____ meters</p>

6. At the end of the race, Carly was 3 meters ahead of Reagan. How many centimeters was she ahead of Reagan?

_____ centimeters



Test Practice

7. 35 centimeters + 65 centimeters = _____

1 centimeter



1 meter



90 centimeters



2 meters



Math at Home Have your child measure an object in your house using centimeters and meters. Discuss how each measurement relates to the size of the unit.

Name _____

My Homework

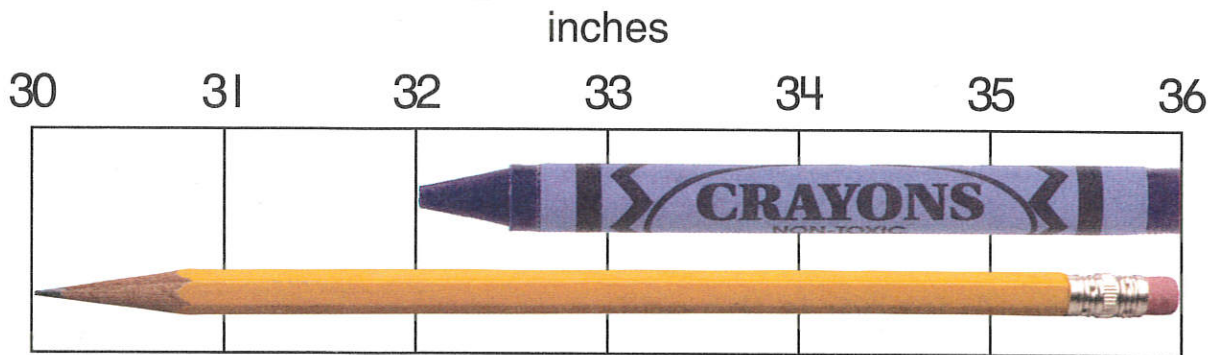
Lesson 11

Measure on a Number Line

Homework Helper



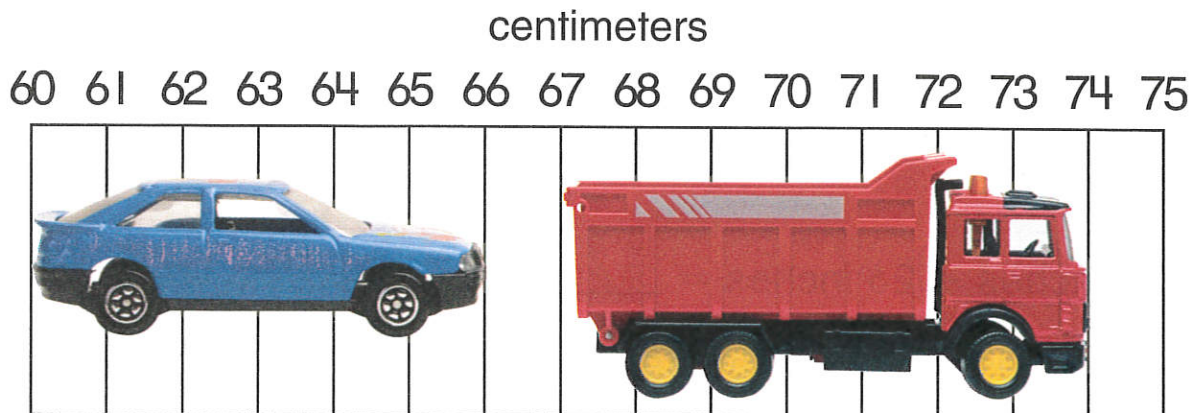
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The pencil is 2 inches longer than the crayon.

Practice

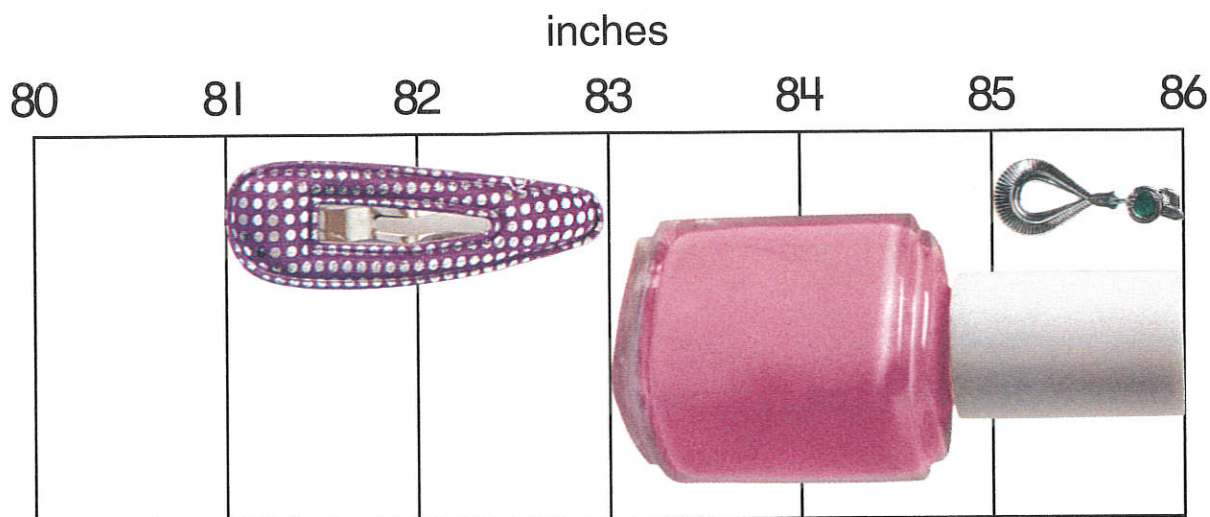
Use the number line to answer the questions.



- How long is the truck? _____ centimeters
- How long is the car? _____ centimeters

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Use the number line to answer the questions.



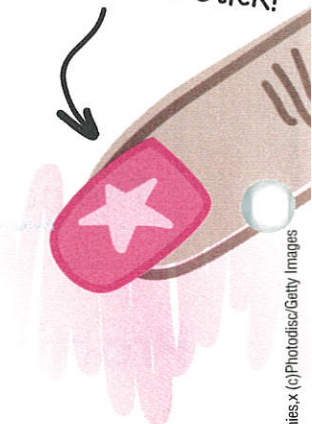
3. How long is the barrette? _____ inches

4. How much longer is the nail polish than the earring? _____ inches

5. Sean builds a block tower that is 35 inches high. Victoria builds a block tower that is 27 inches high. How much higher is Sean's tower?

_____ inches

*Favorite color:
Peppermint Stick!*



Test Practice

6. $36 \text{ inches} + 26 \text{ inches} =$ _____

62 inches



62 centimeters



62 feet



62 meters



Math at Home Help your child create a large number line measured in inches. Have him or her measure objects from your home using the number line.

Name

My Homework

Lesson 12

Measurement Data

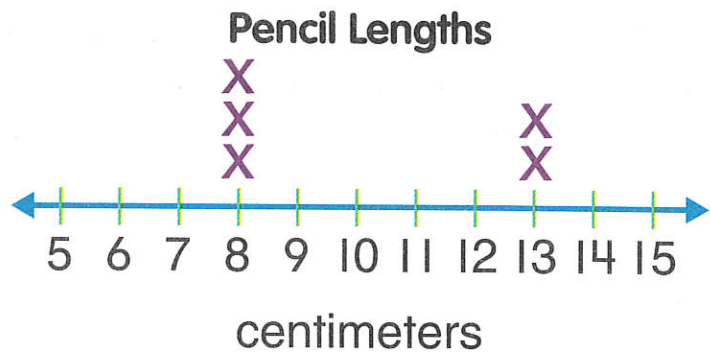
Homework Helper



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Three people have pencils that are 8 centimeters long.

Two people have pencils that are 13 centimeters long.



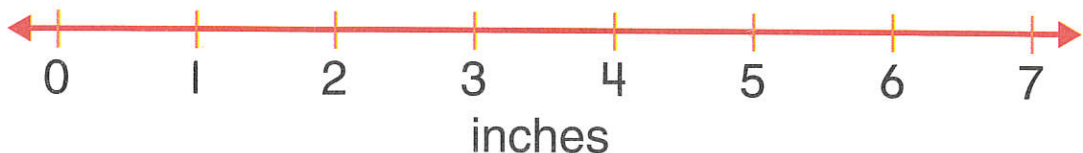
Practice

Measure the thumb length of each of your family members. Use the data to make a line plot.

Helpful Hint

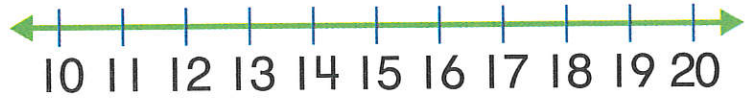
Line plots show how often a number occurs in data.

Thumb Lengths



- How long is the longest thumb? _____ inches
- How short is the shortest thumb? _____ inches

3. Make a line plot to show how tall each flower is. Four flowers are 10 centimeters, 3 flowers are 13 centimeters, and 6 flowers are 17 centimeters.



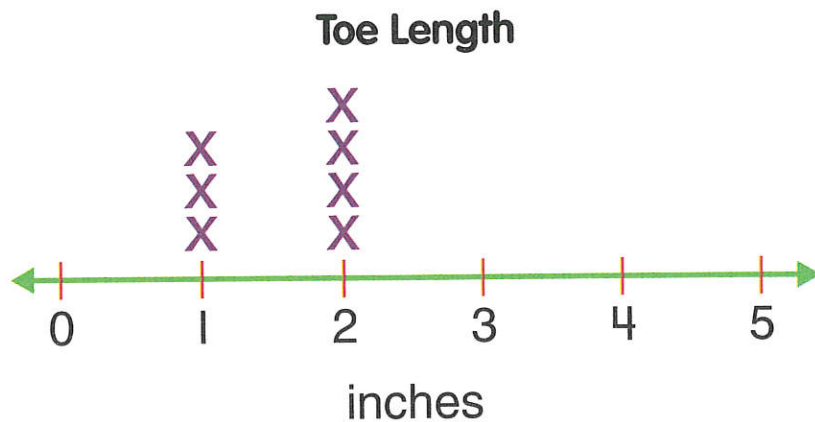
4. Grace ran 50 meters 3 times, she ran 100 meters 2 times, and she ran 150 meters 1 time. How far did she run most of the time?

_____ meters



Test Practice

5. Use the line plot below to answer the question. How long are most toes?



1 centimeter



1 inch



2 centimeters



2 inches



Math at Home Have your child create a line plot to show the heights of everyone in your family.