

North Penn School District
Elementary Math Parent Letter

Grade 2

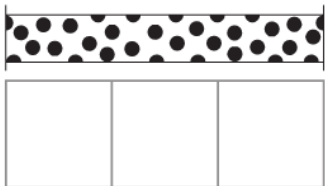
Unit 6 – Chapter 8: Length in Customary Units

Examples for each lesson

Lesson 8.1

Measure with Inch Models

Measure and estimate lengths in standard units.



Place tiles on the squares. How many tiles? 3 tiles
Each tile is about 1 inch long.
How long is the ribbon? about 3 inches

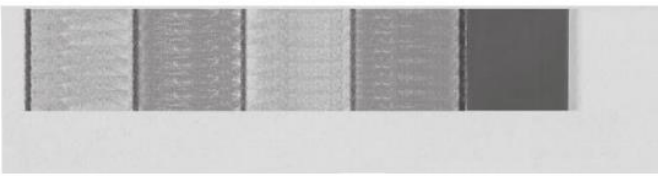
More information on this strategy is available on Animated Math Model #44.

Lesson 8.2

Make and Use a Ruler

Measure and estimate lengths in standard units.

Use a paper strip. Mark the sides of a color tile.
Mark 6 tiles. Color each part.



Each part is about 1 inch long.

Line up the left edge of the bracelet with the first mark. Count the inches.
The bracelet is about 5 inches long.

More information on this strategy is available on Animated Math Model #45.

Lesson 8.3

Estimate Lengths in Inches

Measure and estimate lengths in standard units.



The bead is 1 inch long. How many beads will fit on the string?
Four beads will fit on the string.

About how long is the string? The string is about 4 inches long.

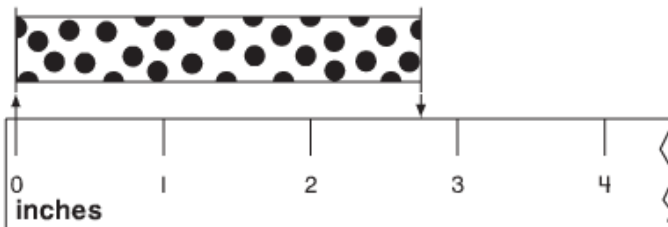
More information on this strategy is available on Animated Math Model #46.

Lesson 8.4

Measure with an Inch Ruler

Measure and estimate lengths in standard units.

1. Line up one end with 0.
2. Find the inch mark closest to the other end.
3. Read the number of inches at that mark.



The ribbon is about 3 inches long.

More information on this strategy is available on Animated Math Model #45.

Lesson 8.5


Add and Subtract in Inches

CC.2.MD.6

Relate addition and subtraction to length.

Zack has two strings. One string is 12 inches long and the other string is 5 inches long. How long are Zack's strings altogether?


Unlock the Problem

<p>What do I need to find?</p> <p><u>how long Zack's strings</u> <u>are in all</u></p>	<p>What information do I need to use?</p> <p>One string is <u>12</u> inches long.</p> <p>The other string is <u>5</u> inches long.</p>
<p>Show how to solve the problem.</p>  <p><u>12 + 5 =</u> The strings are <u>17</u> inches long in all.</p>	

Lesson 8.6

Measure in Inches and Feet

Measure and estimate lengths in standard units.

<p>The real folder is about 12 inches wide.</p> <p>The real folder is also about 1 foot wide.</p> <p>12 inches is the same as 1 foot.</p>	
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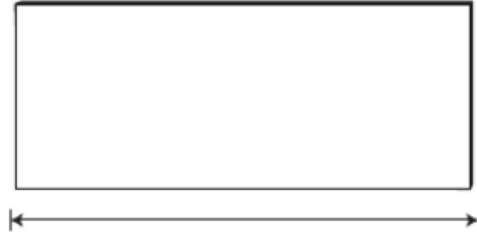
More information on this strategy is available on Animated Math Model #47.

Lesson 8.7

Estimate Lengths in Feet

Measure and estimate lengths in standard units.

About how many rulers will fit along the length of a real whiteboard?



A 12-inch ruler is about 1 foot long.

3 rulers, or 3 feet

Lesson 8.8

Choose a Tool

Measure and estimate lengths in standard units.

Use an inch ruler to measure short lengths.



Use a yardstick to measure greater lengths.



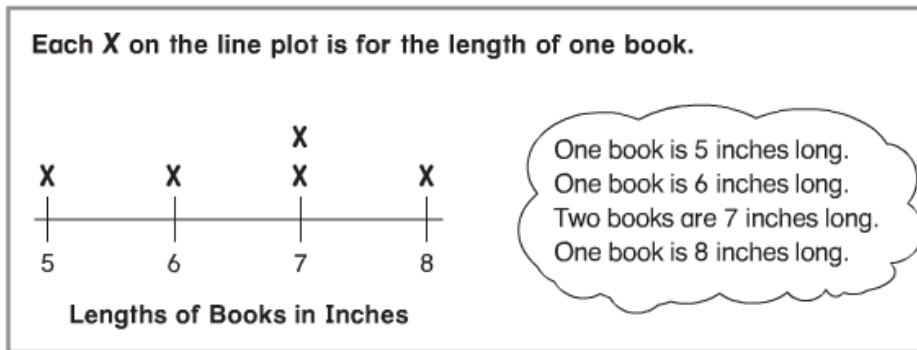
Use a measuring tape to measure lengths that are not flat.



Lesson 8.9

Display Measurement Data

Represent and interpret data.



More information on this strategy is available on Animated Math Model #48.

Vocabulary

Foot – a unit of length in the customary system of measurement; 1 foot = 12 inches

Inch – a unit of length in the customary system of measurement

Line plot – a graph that records each piece of data on a number line

Measuring tape – a tool that can be used to measure lengths and distances that are not flat or straight

Yardstick – a tool that has marks that show three feet and can be used to measure lengths and distances greater than 12 inches