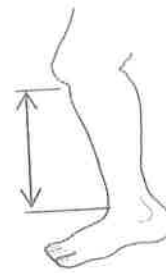


Center 1: Measure and Compare Shin Lengths

Choose a measuring unit to measure the shins of everyone in your group.
Measure from the top of the foot to the bottom of the knee.

I chose to measure using _____.
Record the results in the table below. Include the units.



Name	Length of Shin

What is the difference in length between the longest and shortest shins? Write a number sentence and statement to show the difference between the two lengths.

Center 2: Compare Lengths to a Yardstick

Fill in your estimate for each object using the words *more than*, *less than*, or *about the same length as*. Then, measure each object with a yardstick, and record the measurement on the chart.

- The length of a book is _____ the yardstick.
- The height of the door is _____ the yardstick.
- The length of a student desk is _____ the yardstick.

Object	Measurement
Length of book	
Height of door	
Length of student desk	

What is the length of 4 student desks pushed together with no gaps in between? Use the RDW process to solve on the back of this paper.

Center 3: Choose the Units to Measure Objects

Name 4 objects in the classroom. Circle which unit you would use to measure each item, and record the measurement in the chart.

Object	Length of the Object
	inches/feet/yards
	inches/feet/yards
	inches/feet/yards
	inches/feet/yards

Billy measures his pencil. He tells his teacher it is 7 feet long. Use the back of this paper to explain how you know that Billy is incorrect and how he can change his answer to be correct.

Center 4: Find Benchmarks

Look around the room to find 2 or 3 objects for each benchmark length. Write each object in the chart, and record the exact length.

Objects That Are About an Inch	Objects That Are About a Foot	Objects That Are About a Yard
1. _____ inches	1. _____ inches	1. _____ inches
2. _____ inches	2. _____ inches	2. _____ inches
3. _____ inches	3. _____ inches	3. _____ inches

Center 5: Choose a Tool to Measure

Circle the tool used to measure each object. Then, measure and record the length in the chart. Circle the unit.

Object	Measurement Tool	Measurement
Length of the rug	12-inch ruler / yardstick	_____ inches/feet
Textbook	12-inch ruler / yardstick	_____ inches/feet
Pencil	12-inch ruler / yardstick	_____ inches/feet
Length of the chalkboard	12-inch ruler / yardstick	_____ inches/feet
Pink eraser	12-inch ruler / yardstick	_____ inches/feet

Sera's jump rope is the length of 6 textbooks. On the back of this paper, make a tape diagram to show the length of Sera's jump rope. Then, write a repeated addition sentence using the textbook measurement from the chart to find the length of Sera's jump rope.