

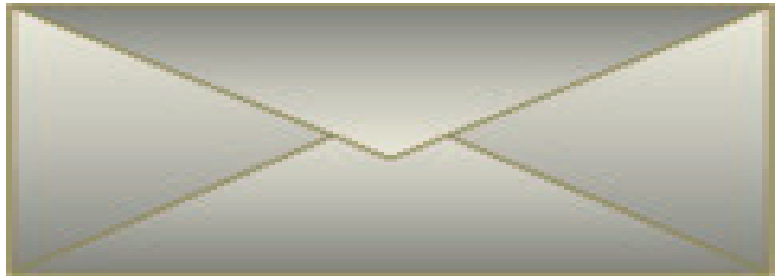
Name _____

Date _____

Note: Do not pass out rulers until after students complete Problem 1(a).

1. a. Estimate the length of each item in inches.

The envelope is about ____ inches.



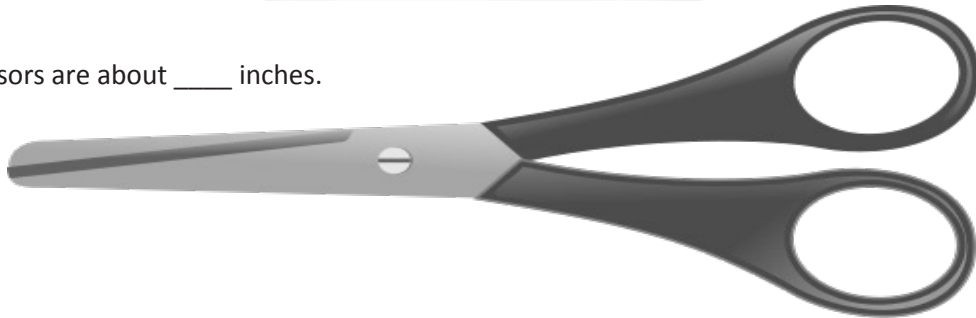
The pencil is about ____ inches.



The crayon is about ____ inches.



The scissors are about ____ inches.



- b. Use a ruler to measure the length of the items above using inches and then centimeters. Round to the nearest unit, and then record the measurements in the table.

Envelope	Pencil	Crayon	Scissors
_____ inches	_____ inches	_____ inches	_____ inches
_____ centimeters	_____ centimeters	_____ centimeters	_____ centimeters

- c. The envelope is _____ centimeters longer than the crayon.
- d. For each measurement, which is greater, the number of inches or the number of centimeters?

- e. Explain why.

2. Circle the appropriate tool for measuring each object.

- | | | |
|--------------------------------|---------------|-----------|
| a. The length of a book: | 12-inch ruler | yardstick |
| b. The height of a flagpole: | 12-inch ruler | yardstick |
| c. The length of a paper clip: | 12-inch ruler | yardstick |
| d. The height of a doorway: | 12-inch ruler | yardstick |

3. a. What number is represented as Point A on the number line? _____



- b. What is the distance between A and B? _____
- c. What is 40 less than the number marked by Point C? Mark it as Point D on the number line.

4. Use the tables below to graph the data.
- a. Draw and label a line plot to show the length of the pencils in the table.

Length in Inches	Number of Pencils
1 inch	0
2 inches	2
3 inches	4
4 inches	4
5 inches	3
6 inches	2
7 inches	5

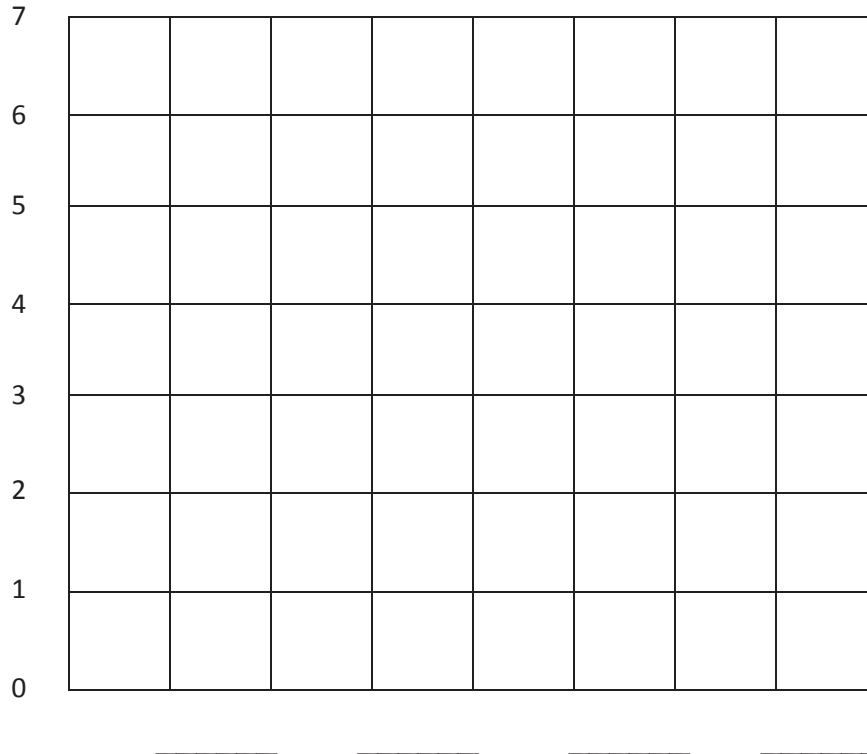
Title _____

- b. Find the total number of pencils measured. _____

- c. Draw and label a bar graph to show the number of pencils in each student's desk.

Student Name	Jill	Sven	Rocco	Lyla
Number of Pencils	4	2	5	1

Title: _____



5. Draw a picture, and write a number sentence to solve.
- The height of the dog's doorway is 19 inches. The height of the family's doorway is 78 inches. How much taller is the family's doorway than the dog's doorway?
 - Albert saved 42 cents last week. This week, he added a quarter, 2 dimes, and 13 pennies to his savings. How much money has Albert saved from the last two weeks? Write the answer using the \$ or ¢ symbol.