

Name \_\_\_\_\_

Date \_\_\_\_\_

Note: Students need a centimeter ruler and 6 small paper clips to complete the assessment.

1. Use your ruler to find the length of the pencil and the crayon.



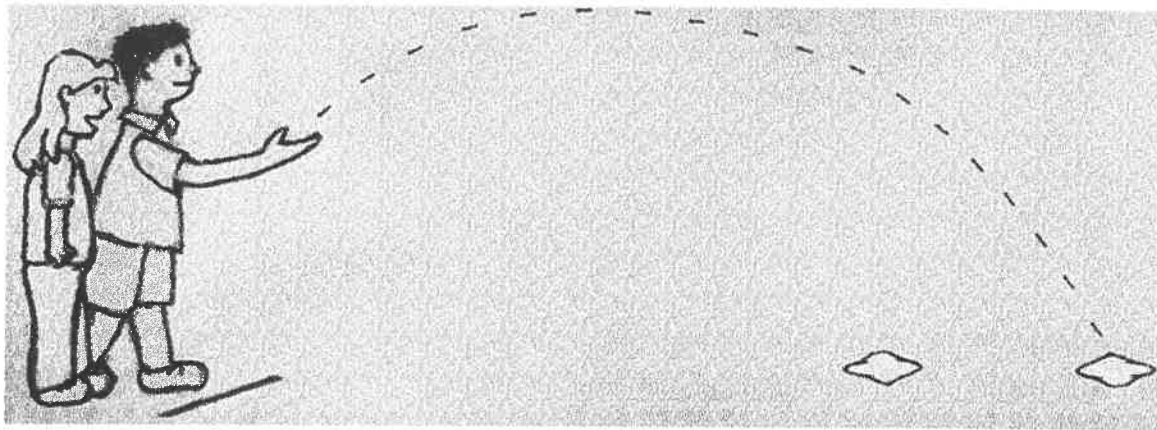
a. How long is the crayon? \_\_\_\_\_ centimeters

b. How long is the pencil? \_\_\_\_\_ centimeters

c. Which is longer?      pencil      crayon

d. How much longer? \_\_\_\_\_ centimeters

2. Sally and Jim are having a beanbag throwing contest and need to measure each of their throws.



- a. Circle the most appropriate tool to measure their throws.

ruler

paper clips

meter stick

centimeter cubes

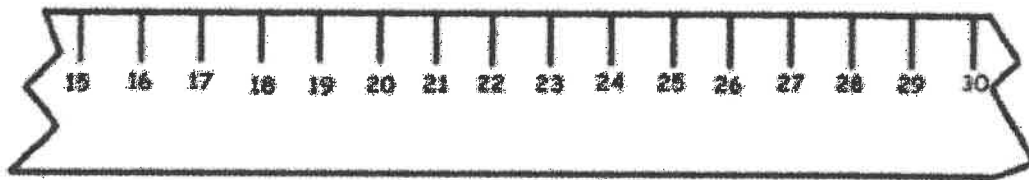
- b. Explain your choice using pictures or words.

- c. Jim throws his beanbag 8 meters, which is 3 meters farther than Sally threw her beanbag. How far did Sally throw her beanbag? Draw a diagram or picture to show the length of their throws.

- d. Saddy threw her beanbag 4 meters farther than Jim. Who won the contest? How do you know?

3. Use the broken centimeter ruler to solve the problem.

A grasshopper jumped 9 centimeters forward and 6 centimeters back and then stopped. If the grasshopper started at 16, where did the grasshopper stop? Show your work.



4.

**Vanessa's Ribbons**



*Ribbon A*



*Ribbon B*

a. Measure the length of Ribbon A with your centimeter ruler and your paper clip. Write the measurements on the lines below.

\_\_\_\_\_ centimeters

\_\_\_\_\_ paper clips

b. Explain why the number of centimeters is larger than the number of paper clips. Use pictures or words.