**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_\_**

# **UNIT 1: Worksheet A - MEASURING THE MEASURING TOOL**

1) Measure the longest part of this paper with the pencil or pen you are using.

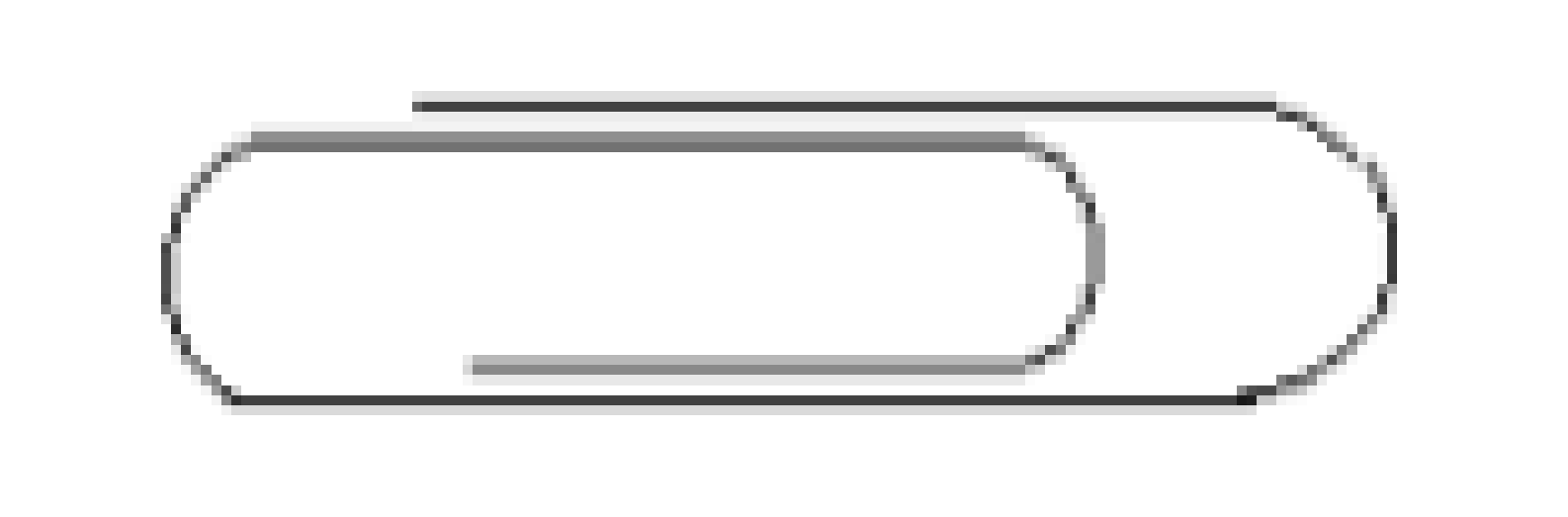
Measurement: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) If you gave this measurement to a person in the hall, would they know exactly how long your paper was from your measurement? Why or why not?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Given the picture of a paper clip below as our standard. **Estimate** the lengths of the following lines in paperclips.



3) \*------------------------\*, \_\_\_\_\_\_\_\_\_\_\_

4) \*-----------------------------------------\*, \_\_\_\_\_\_\_\_\_\_

5) \*-----------------------------------------------------------------------------------\*, \_\_\_\_\_\_\_\_\_\_

6) Estimate the length of this paper in paperclips using the picture above as a reference.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7) If 3.5 paper clips = 1.0 pencils and your paper is 1.5 pencils long, how many paper clips long is your paper (show your work)?

8) Suppose that one unsharpened pencil is 5.2 paperclips long.

a. How long would 2 unsharpened pencils be in paperclips? \_\_\_\_\_\_\_\_\_\_

b. A door opening is 7.3 unsharpened pencils wide. How big is the opening in paperclips?

\_\_\_\_\_\_\_\_\_\_

9) Do the following calculations and express your answers properly.

10) It takes 4.3 flurbs to make a blonk. **Show your work for the following conversions.**

a) How many blonks are there in 27.3 flurbs? \_\_\_\_\_\_\_\_\_\_

b) How many flurbs are there in 18.3 blonks? \_\_\_\_\_\_\_\_\_\_