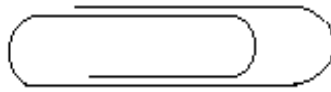# UNIT 1: MEASURING THE MEASURING TOOL

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

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? 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? _____

Do the following calculations and express your answers properly.

9) 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? _____