

Name: \_\_\_\_\_

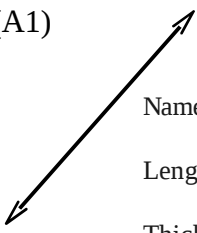
Date: \_\_\_\_\_ Period: \_\_\_\_\_


Geometry 1/2, Mr. Ferraro/Mr. Wong


## Make-Up Assignment for Quiz A1

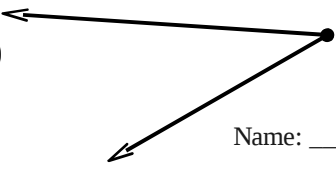
If your Quiz A1 score was less than 30/50 (i.e., <60%), completing this assignment by your class period on **10 September 2010** may make you eligible to receive up to 10pts (20%) added to your score. Note that you must complete the entire assignment and it must be at least 90% correct – or else no credit will be awarded. You are encouraged to **attend extra help this week**: Rm319 during lunch or after school on Mon. or Thurs. in Rm 210.

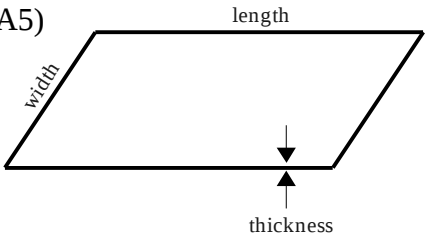
### A. Properties of the Building Blocks of Geometry: Name each of the following and provide the details.

(A1)   
 Name: \_\_\_\_\_  
 Length: \_\_\_\_\_  
 Thickness: \_\_\_\_\_  
 # Endpoints: \_\_\_\_\_

(A2)   
 Name: \_\_\_\_\_  
 Length: \_\_\_\_\_  
 Thickness: \_\_\_\_\_  
 # Endpoints: \_\_\_\_\_

(A3)   
 Name: \_\_\_\_\_  
 Length: \_\_\_\_\_  
 Thickness: \_\_\_\_\_  
 # Endpoints: \_\_\_\_\_

(A4)   
 Name: \_\_\_\_\_  
 These have 2 \_\_\_\_\_  
 that are joined at a  
 \_\_\_\_\_.

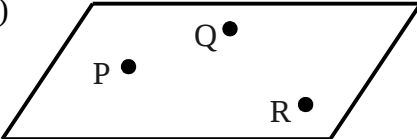
(A5)   
 Name: \_\_\_\_\_  
 Length: \_\_\_\_\_  
 Width: \_\_\_\_\_  
 Thickness: \_\_\_\_\_

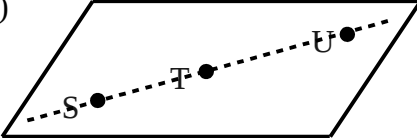
### B. Vocabulary: Using your notes OR textbook, fill in the FORMAL DEFINITION column for each term. Then in the "In my own words..." column, say it your own way.

| Term        | Formal (Textbook) Definition | In my own words... |
|-------------|------------------------------|--------------------|
| Midpoint    |                              |                    |
| Congruent   |                              |                    |
| Collinear   |                              |                    |
| Coplanar    |                              |                    |
| Acute Angle |                              |                    |

|                |  |  |
|----------------|--|--|
| Right Angle    |  |  |
| Obtuse Angle   |  |  |
| Straight Angle |  |  |

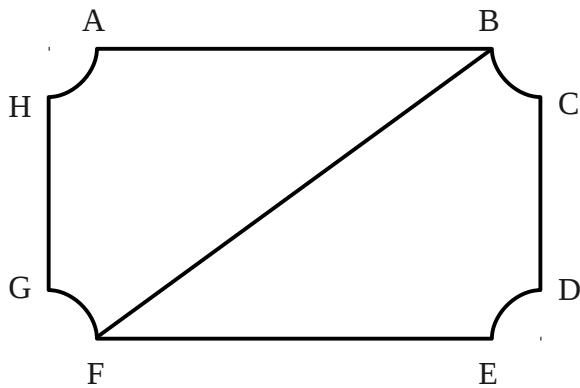
**C. Joining Points on Lines and Planes**

(C1)  Points  $P$ ,  $Q$ , &  $R$  are \_\_\_\_\_. This is because \_\_\_\_\_.

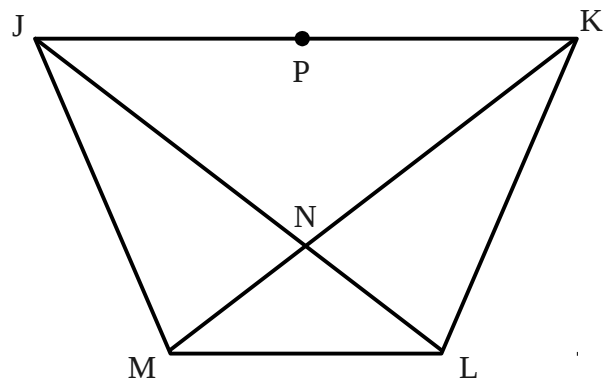
(C2)  Like the points in the last question, points  $S$ ,  $T$ , &  $U$  are \_\_\_\_\_ . In addition,  $S$ ,  $T$ , &  $U$  are \_\_\_\_\_ since \_\_\_\_\_.

**D. Marking Given Information: Mark the given facts on the diagram.**

(D1) Given:  $AB = EF$ ;  
 $m\angle ABF = m\angle EFB$  ;  
 $\overline{CD} \cong \overline{GH}$  \*



(D2) Given:  $JM = KL$ ;  
 $\angle JNM \cong \angle KNL$  ;  
 $MN = LN$ ;  
 $JN = KN$ ;  
 $\angle JNK \cong \angle MNL$  ;  
 $P$  is midpoint of  $\overline{JK}$



\* The symbol  $\cong$  stands for *congruent*. Ordinarily, it would look like '=' with '~' above it!