

Name \_\_\_\_\_

*Key*

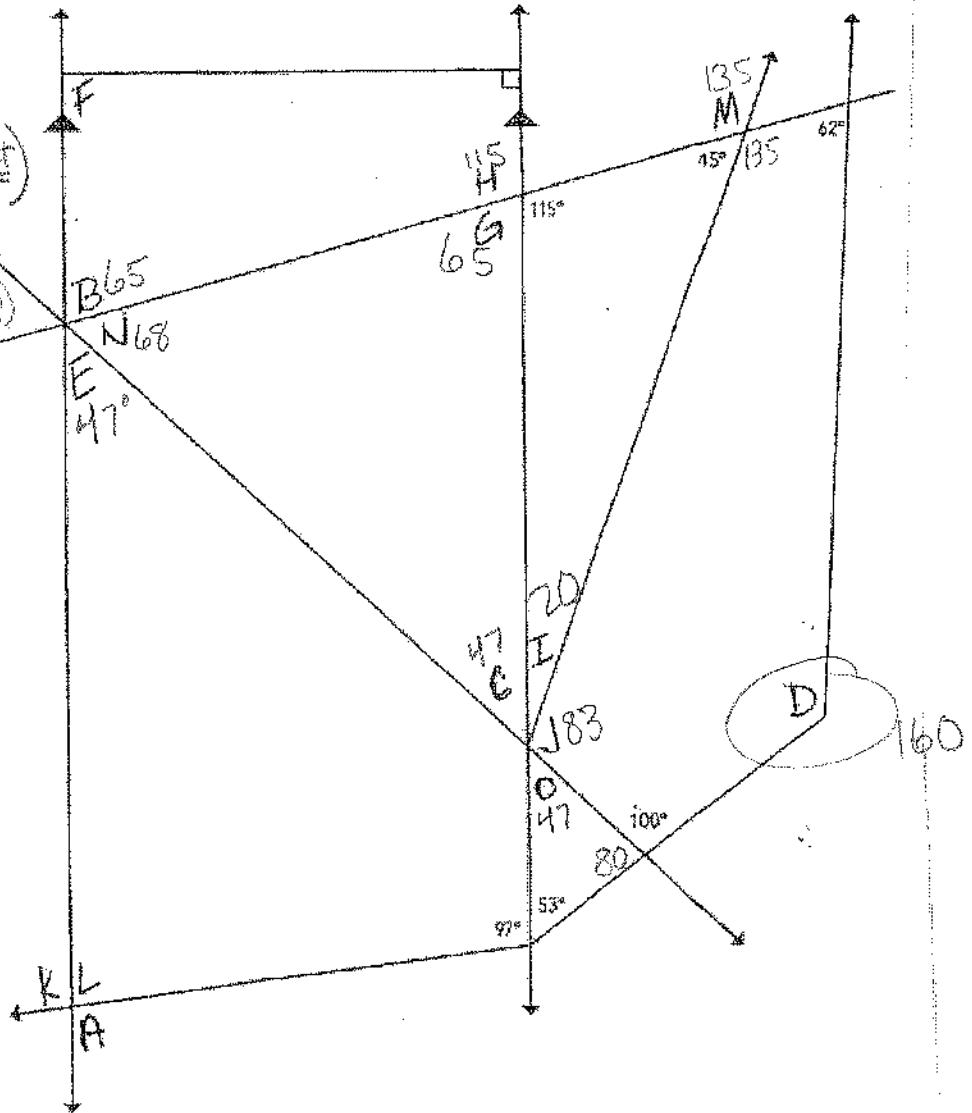
Period \_\_\_\_\_

Date \_\_\_\_\_

**“Junior” Level Angle Puzzle**

Given the following information, find the missing angle measurements.

1.  $\angle A = \underline{97^\circ}$  AIA (\*)
2.  $\angle B = \underline{65^\circ}$  AIA
3.  $\angle C = \underline{47^\circ}$  VA
4.  $\angle D = \underline{160}$  (can't do yet)
5.  $\angle E = \underline{47^\circ}$  Supp
6.  $\angle F = \underline{90^\circ}$  SSI (Supp)
7.  $\angle G = \underline{65^\circ}$  LP
8.  $\angle H = \underline{115}$  VA
9.  $\angle I = \underline{20^\circ}$   $\Delta$  Sum
10.  $\angle J = \underline{83^\circ}$  Supp
11.  $\angle K = \underline{97^\circ}$  VA (\*)
12.  $\angle L = \underline{83^\circ}$  LP (\*)
13.  $\angle M = \underline{135}$  LP
14.  $\angle N = \underline{68^\circ}$   $\Delta$  Sum
15.  $\angle O = \underline{47^\circ}$   $\Delta$  Sum



\* Would each be 90 based on  
 $\angle$ s above but we'll go with  
 the  $97^\circ$ ....

