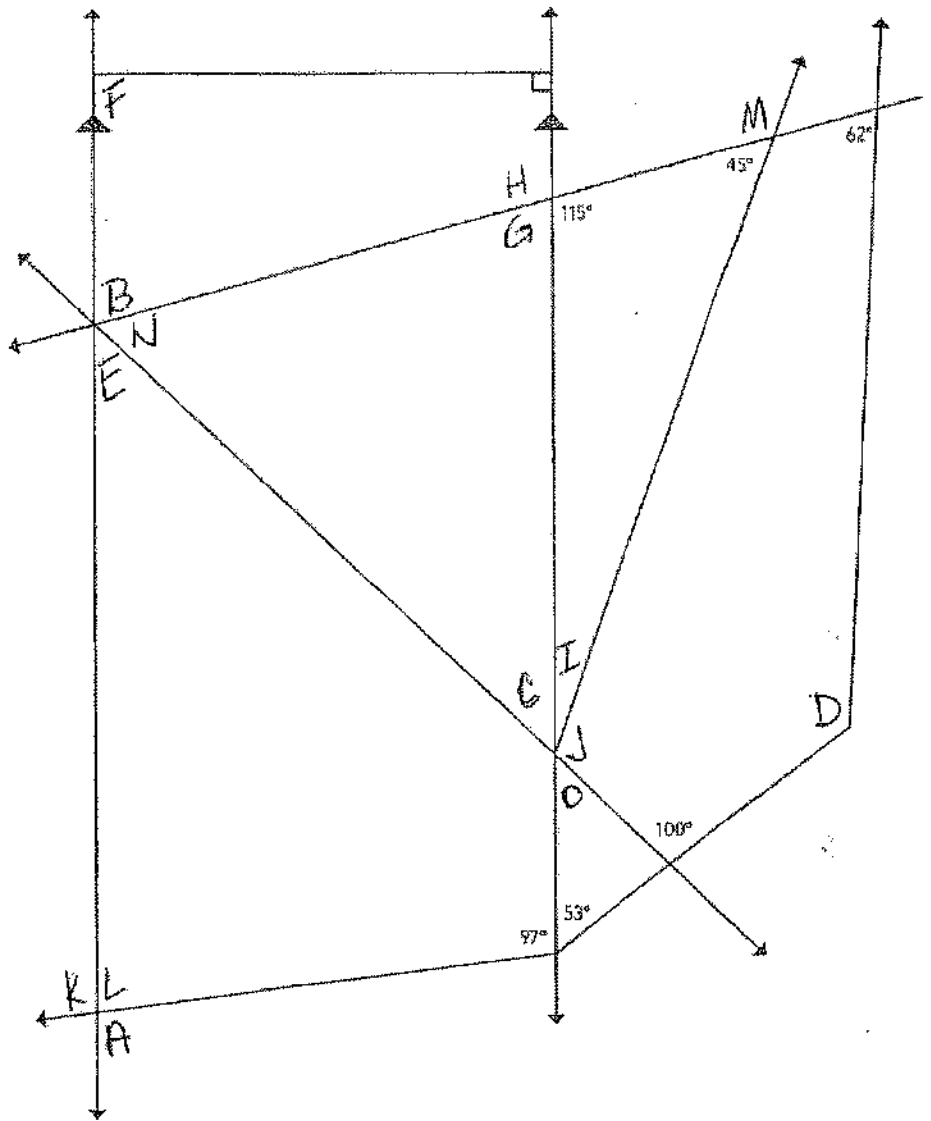


Name _____ Period _____ Date _____

“Junior” Level Angle Puzzle

Given the following information, find the missing angle measurements.

1. $\angle A =$ _____
2. $\angle B =$ _____
3. $\angle C =$ _____
4. $\angle D =$ _____
5. $\angle E =$ _____
6. $\angle F =$ _____
7. $\angle G =$ _____
8. $\angle H =$ _____
9. $\angle I =$ _____
10. $\angle J =$ _____
11. $\angle K =$ _____
12. $\angle L =$ _____
13. $\angle M =$ _____
14. $\angle N =$ _____
15. $\angle O =$ _____



“Senior” Level Angle Puzzle

Given the following information, find the missing angle measurements.

$m\angle KAB = 148^\circ$

$m\angle EOF = 45^\circ$

$m\angle DEF = 65^\circ$

$m\angle ODE = 145^\circ$

$m\angle JFH = 122^\circ$

1. $m\angle OEF =$ _____

2. $m\angle DEO =$ _____

3. $m\angle DOE =$ _____

4. $m\angle FHG =$ _____

5. $m\angle DOC =$ _____

6. $m\angle ODC =$ _____

7. $m\angle DCO =$ _____

8. $m\angle COA =$ _____

9. $m\angle AOB =$ _____

10. $m\angle BOC =$ _____

11. $m\angle ABO =$ _____

12. $m\angle OAB =$ _____

13. $m\angle OBC =$ _____

14. $m\angle BCO =$ _____

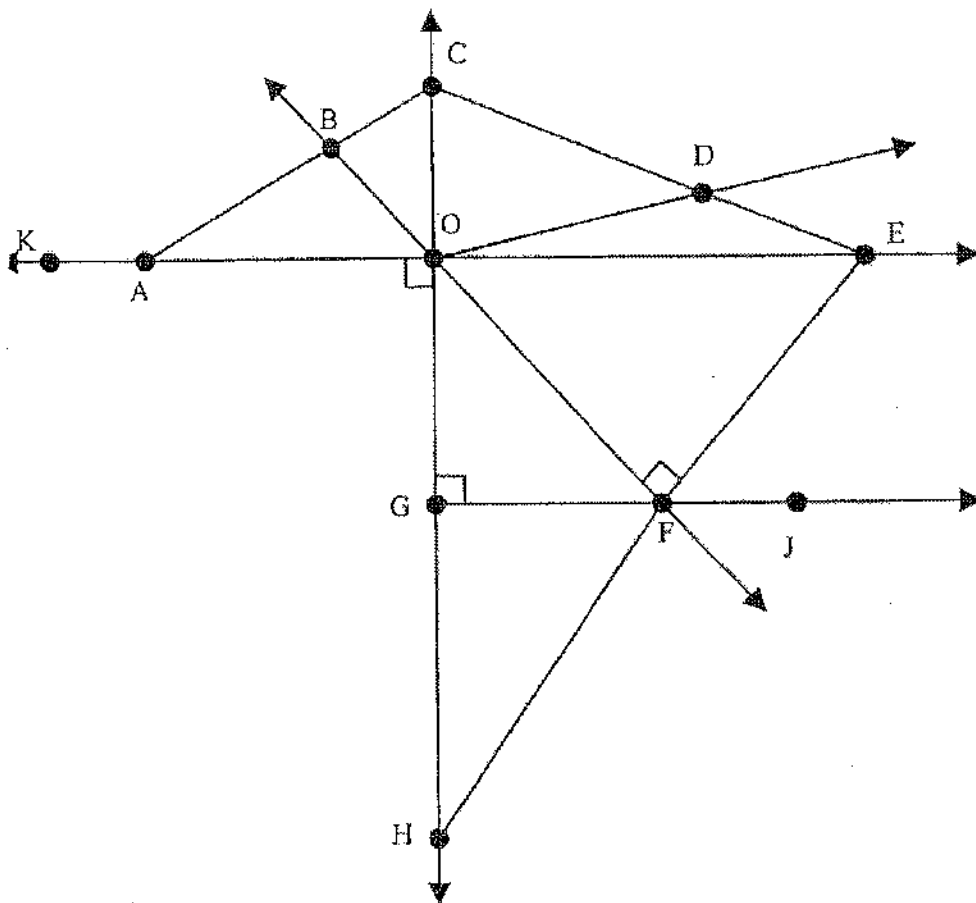
15. $m\angle GOF =$ _____

16. $m\angle OFG =$ _____

17. $m\angle GFH =$ _____

18. $m\angle BAK =$ _____

19. $m\angle EFJ =$ _____



Is $\overleftrightarrow{AE} \parallel \overleftrightarrow{GJ}$?
How do we know?