

Name: _____ Date: _____

Geometry Vocabulary Practice

MCC9-12.G.CO.1 Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc

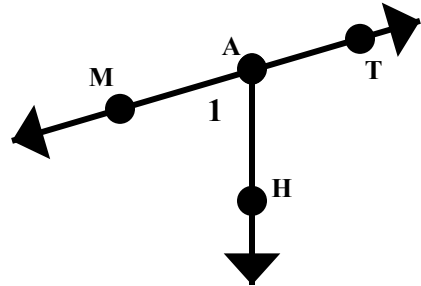
Practice Problems:

1. Name an example of each of the following:

Line Segment: _____

A Line: _____

A Ray: _____



2. Name the angle represented with the number 1 using 3 letters. _____

Is this angle an obtuse, acute, or right angle? _____

3. Which geometric object is suggested by a car's headlights?

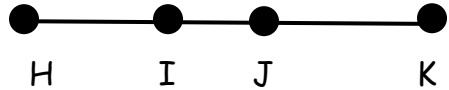
a. Line

b. point

c. ray

d. segment

If $HK = 9$, $HI = JK$, AND $IJ = 1$, find the following lengths.



4. HI _____

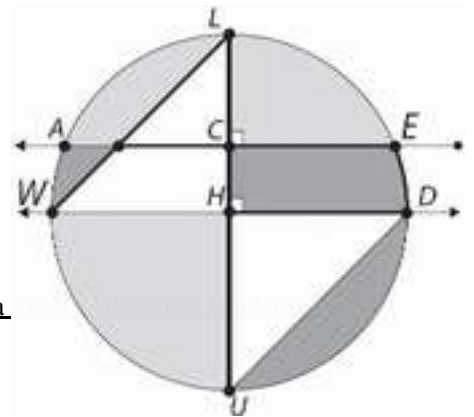
5. JK _____

6. HJ _____

7. IK _____

8. Walch Education contracted Ryan Icons to design a logo for the company. They requested the logo be circular and contain the following elements:

- a line
- a ray
- a line segment
- 2 pairs of parallel line segments
- 1 pair of perpendicular line segments
- Identify the elements requested in the submitted logo shown.



Problem #8 Adapted from: [Walch Education Resources: CCGPS Coordinate Algebra](#)

