

Name: _____ Date: _____

Geometry Vocabulary HW

MGSE9-12.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

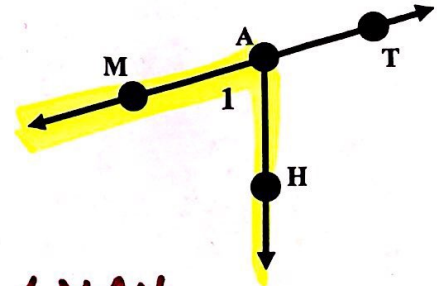
Practice Problems:

1. Name an example of each of the following:

Line Segment: \overline{AM} \overline{MA} \overline{AT}

A Line: \overleftrightarrow{AM}

A Ray: \overrightarrow{AH}



2. Name the angle represented with the number 1 using 3 letters. $\angle MAH$

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

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

a. Line

b. point

c. ray

d. segment

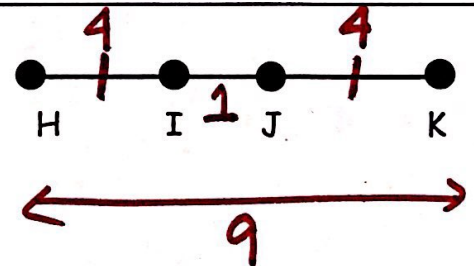
If $HK = 9$, $HI = JK$, AND $IJ = 1$, find the following lengths.

4. HI 4

5. JK 4

6. HJ 5

7. IK 5



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

- a line \overleftrightarrow{WD}
- a ray \overrightarrow{HD}
- a line segment \overline{LU}
- 2 pairs of parallel lines $\overleftrightarrow{AE} \parallel \overleftrightarrow{WB}$
- 1 pair of perpendicular lines $\overline{LU} \perp \overline{WD}$

