Basic Geometry: Anatomy of an Angle
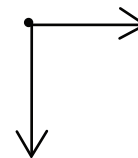
Name: _____

Date: _____

An **angle** is made up of two rays that share a common endpoint.
The **vertex** of an angle is the point where the two rays meet.
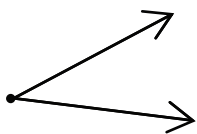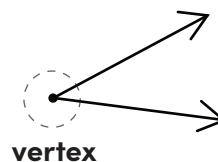
vertex

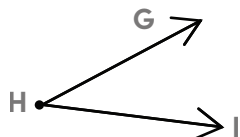
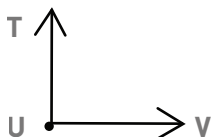An **acute** angle is less than 90° | An **obtuse** angle is greater than 90° | A **right** angle is 90°
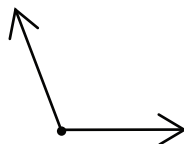
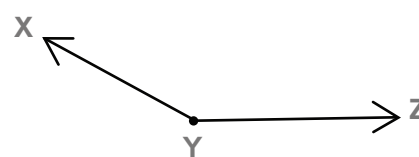**Directions:** Look at each angle and write whether it is acute, obtuse, or right.
Then write the letter that represents its vertex.

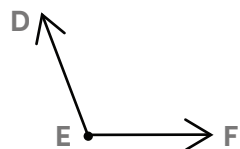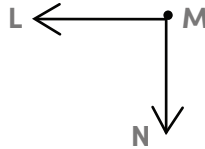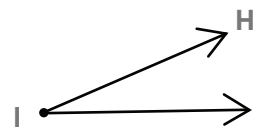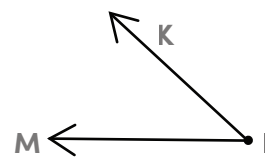|		
G, H, I	T, U, V	X, Y, Z
Angle: **acute** Vertex: **H**	Angle: **right** Vertex: **U**	Angle: **obtuse** Vertex: **Y**
D, E, F	L, M, N	H, I, J
Angle: **obtuse** Vertex: **E**	Angle: **right** Vertex: **M**	Angle: **acute** Vertex: **I**
F, E, G	W, X, Y	K, L, M
Angle: **right** Vertex: **F**	Angle: **obtuse** Vertex: **X**	Angle: **acute** Vertex: **L**
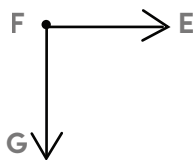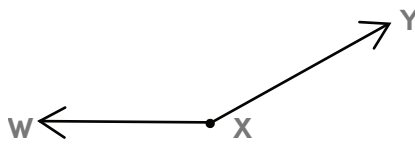
1. An angle measuring less than 90° is called a(n) **acute** _____ angle.

2. An angle measuring exactly 90° is called a(n) **right** _____ angle.

3. An angle measuring more than 90° is called a(n) **obtuse** _____ angle.