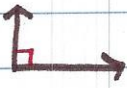

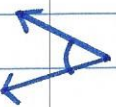



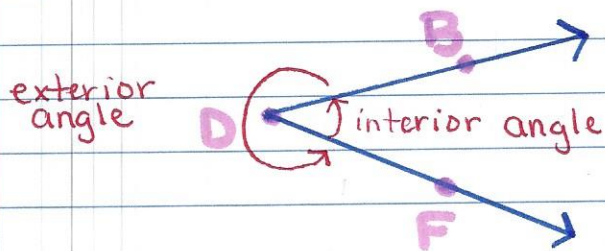
# Chapter 7: Constructions of Angles, Triangles and Quadrilaterals

## Classification of Angles

- 1) Right Angle is  $90^\circ$  
- 2) Obtuse Angle is greater than  $90^\circ$  
- 3) Acute Angle is less than  $90^\circ$  
- 4) Straight angle is  $180^\circ$  

Two rays meet to make an angle. The point where they meet is called the vertex (vertices).

Naming Angles: need 3 letters (if given)  
vertex is always the middle letter



$\angle BDF$   
 $\angle FDB$

$$\text{interior angle} + \text{exterior angle} = 360^\circ$$

When measuring angles, we normally measure the interior angle. The exterior angle is found by subtracting the interior angle from  $360^\circ$  (a circle).

