

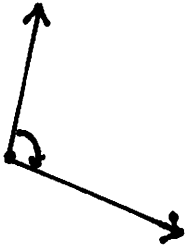
Name \_\_\_\_\_

Date \_\_\_\_\_

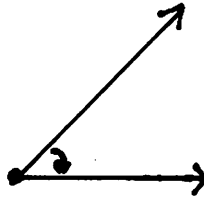
### Unit 3 Study Guide

Measure *and* classify *each angle as acute, obtuse, right, straight, or reflex.*

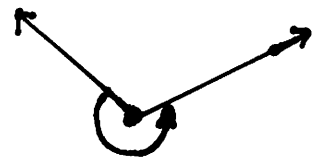
1.)



2.)



3.)

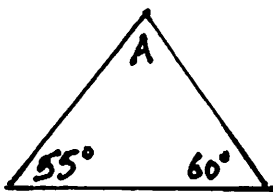


4.) Draw and label  $\angle \text{BAT} = 120^\circ$

5.) Draw and label  $\angle \text{SAD} = 55^\circ$

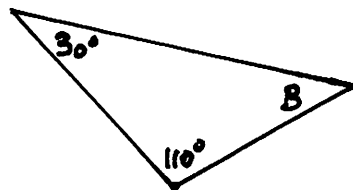
*Find the missing angle(s).*

6.)



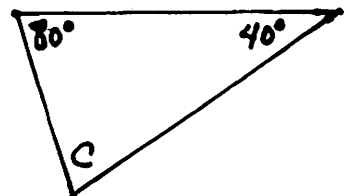
$\angle A =$  \_\_\_\_\_

7.)



$\angle B =$  \_\_\_\_\_

8.)



$\angle C =$  \_\_\_\_\_

9.) The sum of the angles in any triangle is \_\_\_\_\_ degrees.

10.) The sum of the angles in any quadrangle is \_\_\_\_\_ degrees.

11.) Draw and label ray AB that is perpendicular to line CD

Symbol \_\_\_\_\_

12.) Draw and label line segment EF that is parallel to ray GH

Symbol \_\_\_\_\_

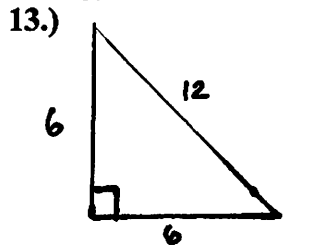
**Triangles classified by sides**

Scalene -	Example:
Isosceles -	Example:
Equilateral -	Example:

**Triangles classified by angles**

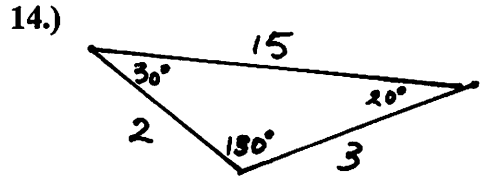
Acute -	Example:
Right -	Example:
Obtuse -	Example:

*Classify each triangle by its sides and by its angles.*



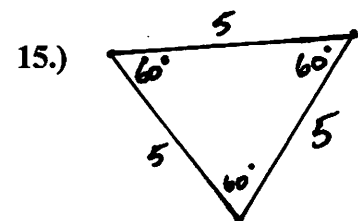
Sides: \_\_\_\_\_

Angles: \_\_\_\_\_



Sides: \_\_\_\_\_

Angles: \_\_\_\_\_



Sides: \_\_\_\_\_

Angles: \_\_\_\_\_

What is a polygon?	
3-sided	What is a regular polygon?  What is an irregular polygon?  What is a concave polygon?  What is a convex polygon?
4-sided	
5-sided	
6-sided	
7-sided	
8-sided	
10-sided	