

Name: _____ Teacher: _____ Date: _____

MEASURING ANGLES

Guided Notes: STUDENT EDITION

In geometry, angles are measured in units called _____.

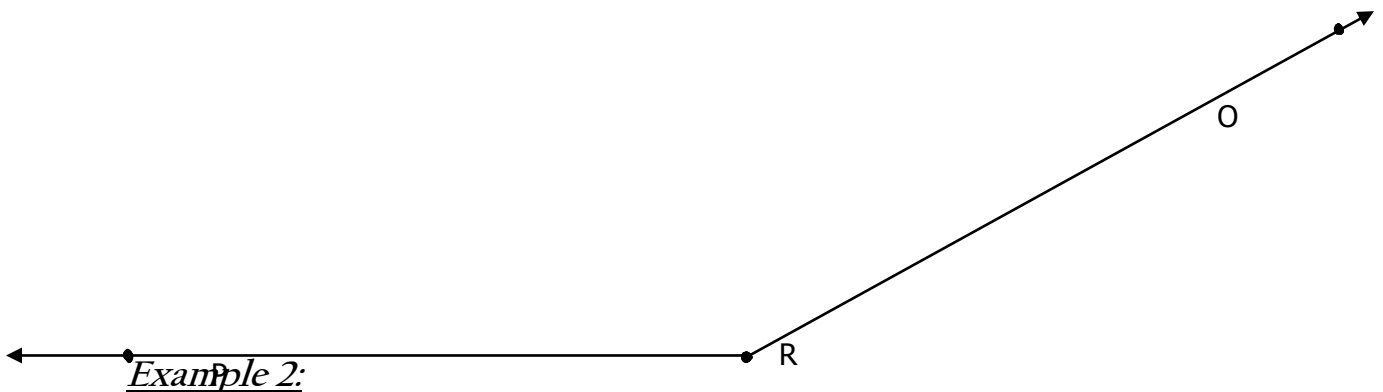
The symbol is _____.

There are 4 different types of angles:

Name of angle	Definition	Example
ACUTE		
OBTUSE		
RIGHT		
STRAIGHT		

Example 1:

Use a protractor to measure $\angle PRO$. What kind of angle is it?



MEASURING ANGLES Guided Notes: STUDENT EDITION

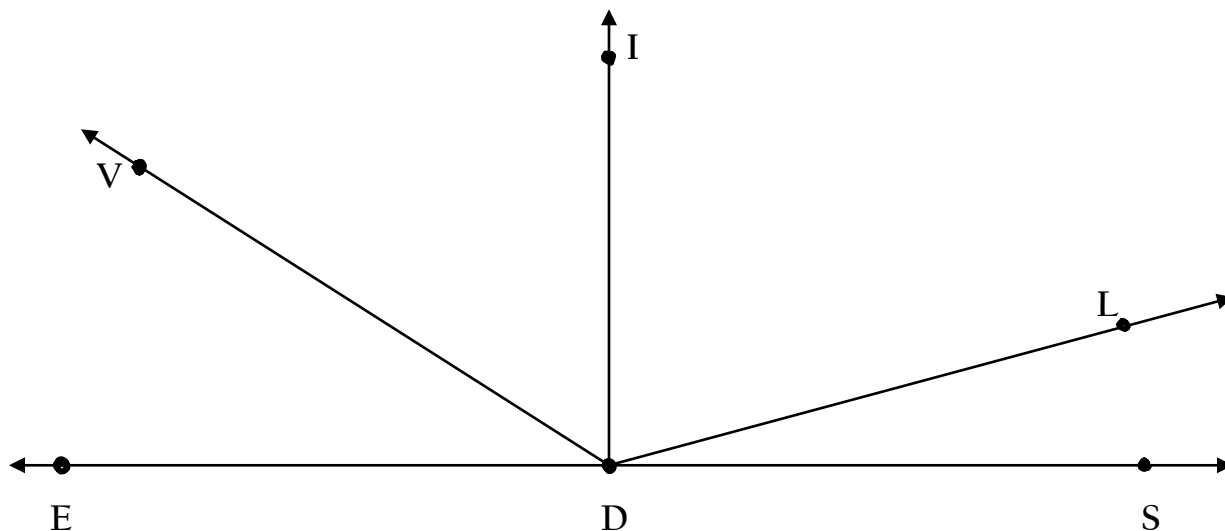
Find the measure of each angle and classify it.

a) $\angle VDS$
 $\angle SDE$

b) $\angle SDL$

c) $\angle IDS$

d)



Example 3:

Use a protractor to draw an angle having each measurement. Then classify each angle.

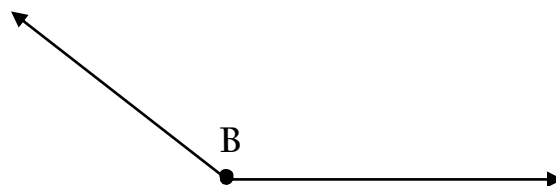
a) 115°

b) 25°

Example 4:

The measure of $\angle B$ is 138. Solve for x.

$$(5x - 7)^\circ$$



- A ray has _____ & _____ endpoint, written as _____

example:

Name: _____ Teacher: _____ Date: _____

MEASURING ANGLES

Guided Notes: STUDENT EDITION



- When labeling a ray the endpoint always goes 1st!

example: _____

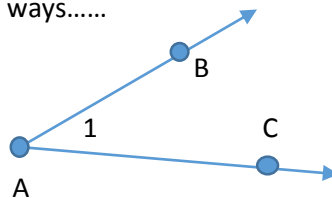
Example: Name the ray below in 3 different ways: _____



- An _____ is made up of two rays with the same endpoint

example:

Angles are named in different ways.....



1) With three capital letters & angle symbol : _____

2) by the angle letter of the shared endpoint: _____

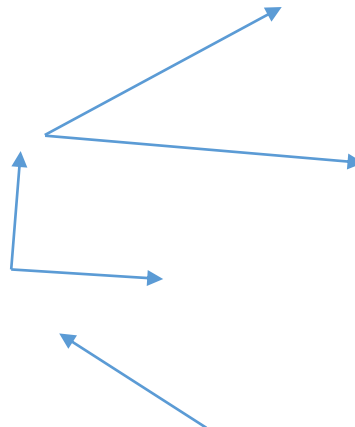
3) by the # of the central angle: _____

- When stating the measure of an angle the notation is as follows: $m \angle XYZ = 45^\circ$

Angle Classifications:

1) Acute angle: _____

2) Right angle: _____



Name: _____ Teacher: _____ Date: _____

MEASURING ANGLES

Guided Notes: STUDENT EDITION

3) Obtuse angle: _____



4) Straight angle: _____

