

Measuring Angles Guided Notes

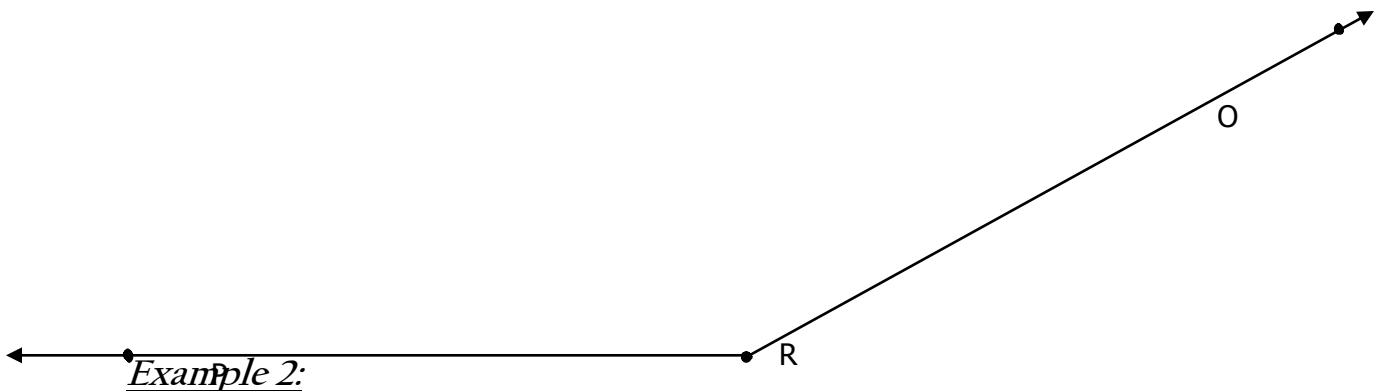
In geometry, angles are measured in units called _____.
 The symbol is _____.

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

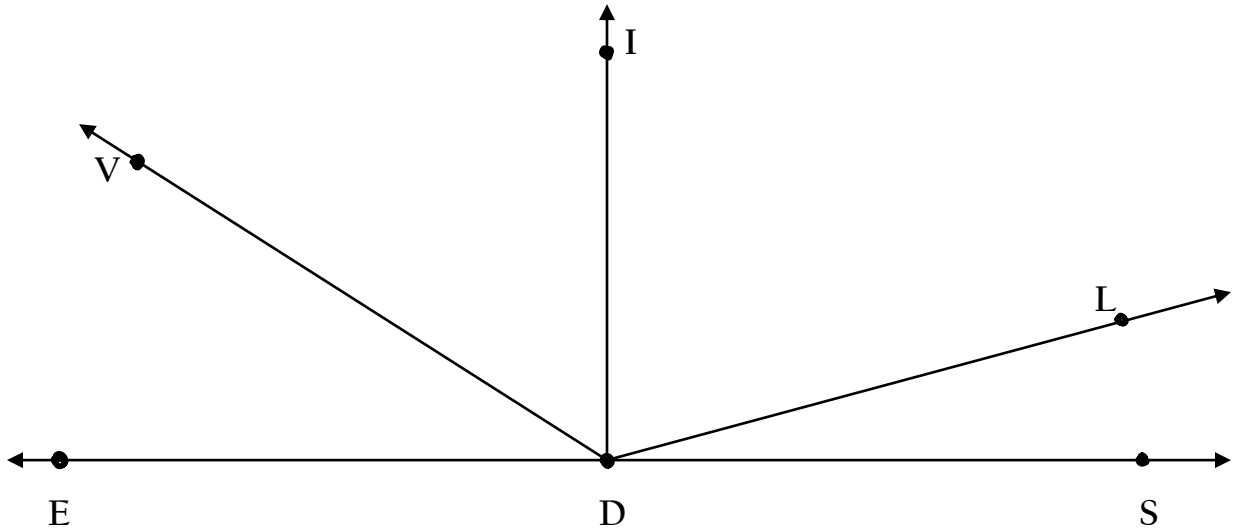
Find the measure of each angle and classify it.

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.

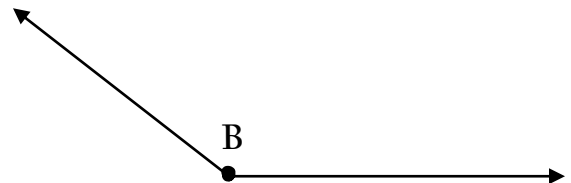
a) 115°

b) 25°

Example 4:

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

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



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

example:

Measuring Angles Guided Notes



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

example: _____

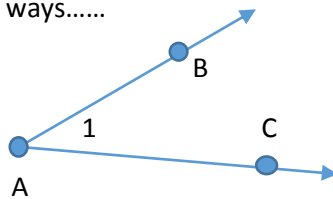
Example: Name the ray below in 3 different ways: _____



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

example:

Angles are named in different ways.....



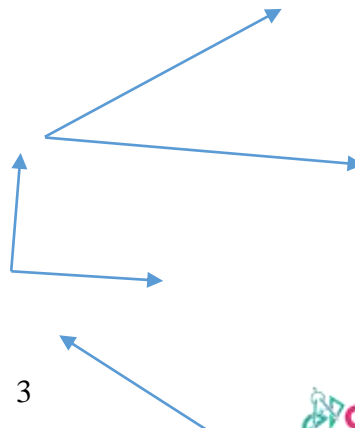
- 1) With three capital letters & angle symbol : _____
- 2) by the angle letter of the shared endpoint: _____
- 3) by the # of the central angle: _____

- 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: _____



Measuring Angles Guided Notes

3) Obtuse angle: _____



4) Straight angle: _____

