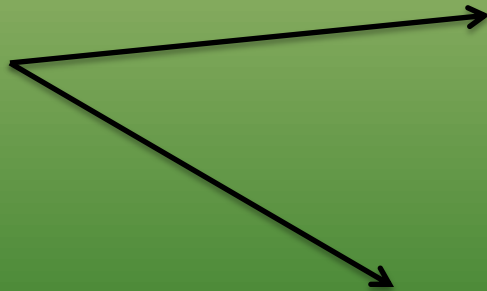


# Angles

Math Essentials

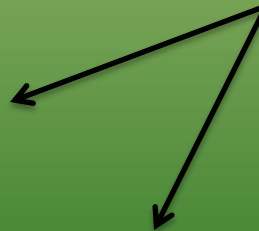
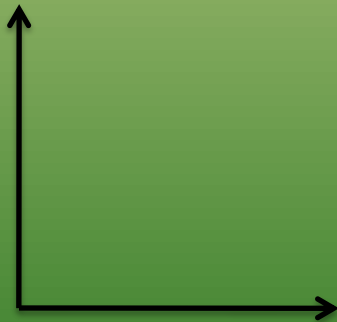
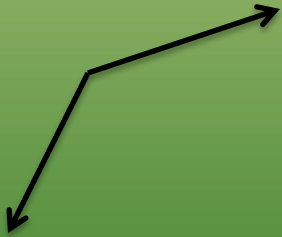
# Angles

- The combination (union) of 2 rays with a common endpoint.
- Interior
- Exterior



# Types of Angles

- Acute – less than 90 degrees
- Obtuse – greater than 90 degrees
- Right – equals 90 degrees
- Straight – equals 180 degrees



# Congruent Angles

- Congruent means same measurement.
- For segments, that means length, for angles it means number of degrees.
- You CANNOT assume that angles are congruent.
- You have to be told by numbers or symbols.

# Naming Angles

- Use 3 letters.
- Vertex **MUST** be in the middle.
- The other 2 letters come from the 'sides' of the angle.

Ex:

# Naming an angle with just the vertex

- You can only do this when there is only 1 angle with that vertex.

Ex:

# Naming an angle with a number.

Ex:

Name the vertex and the sides of the angle.