Angles

An angle measures the amount of turn
Names of Angles
As the Angle Increases, the Name Changes

| Type of Angle	Description
Acute Angle	an angle that is less than 90°
Right Angle	an angle that is 90° exactly
Obtuse Angle	an angle that is greater than 90° but less than 180°
Straight Angle	an angle that is 180° exactly
Reflex Angle	an angle that is greater than 180°

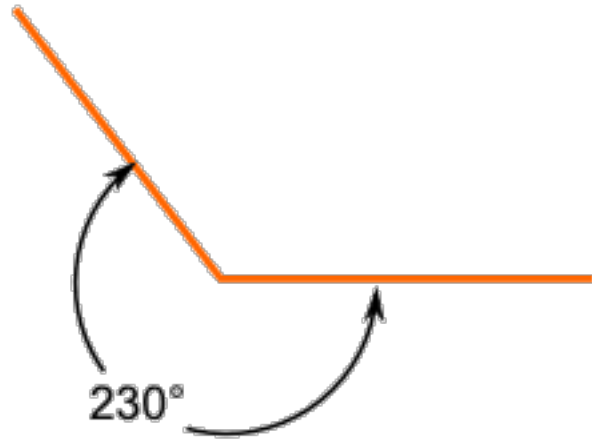**In One Diagram**
This diagram might make it easier to remember:
Also: **Acute, Obtuse** and **Reflex** are in alphabetical order.

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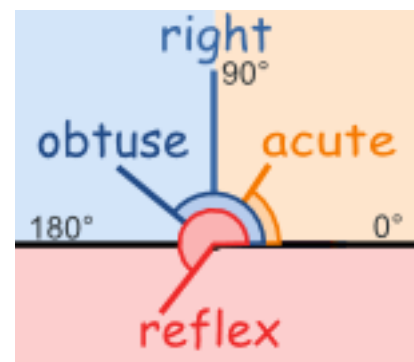
Be Careful What You Measure!

130°

230°
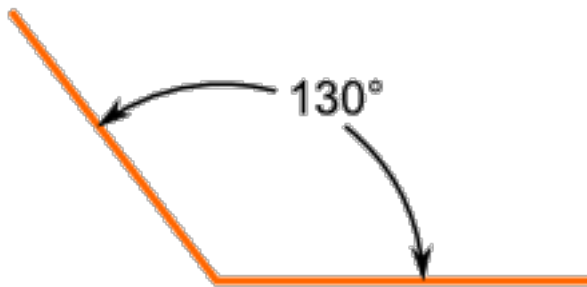
This is an Obtuse Angle.   **And this is a Reflex Angle.**

But the lines are the same ... so when naming the angles make sure
that you know **which angle is being asked for**!

arm

angle

arm

vertex

Parts of an Angle
The corner point of an angle is called the **vertex**
And the two straight sides are called **arms**
The angle is the *amount of turn* between each arm.

Labeling Angles: There are two main ways to label angles:

1. by giving the angle a name, usually a lower-case letter like **a** or **b**, or sometimes a Greek letter like **α** (alpha) or **θ** (theta)

2. or by the three letters on the shape that define the angle, with the middle letter being where the angle actually is (its vertex).

Example angle "**a**" is "**BAC**", and angle "**θ**" is "**BCD**"