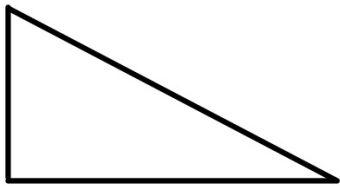


## Bellwork

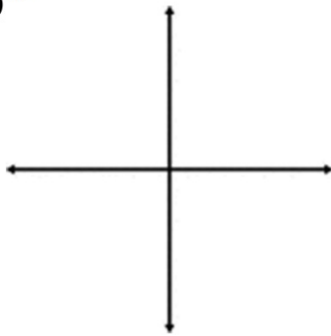
1. Evaluate the 6 trigonometric functions for the triangle using Angle B:

$$b = 10 \text{ \& } c = 19$$

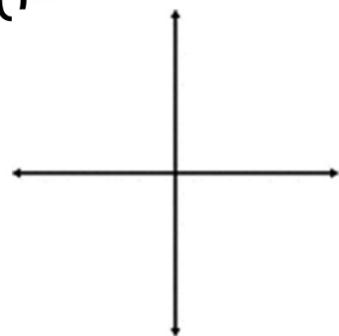


2. Draw the given angles in standard position:

A.  $-875^\circ$



B.  $1440^\circ$



## **Coterminal Angles**

**Definition:**

Two angles are coterminal if they are drawn in the standard position and both have their terminal sides in the same location.

## **Finding Coterminal Angles**

Procedure:

1. Add 1 full rotation of the terminal side  $360^\circ$  (Or  $2\pi$  when in radians) at a time until you reach the desired conclusion.

**OR**

1. Subtract 1 full rotation of the terminal side  $360^\circ$  (Or  $2\pi$  when in radians) at a time until you reach the desired conclusion.

## Examples

Find one (1) positive and one (1) negative coterminal angle of the given angle:

1.  $-2075^\circ$

2.  $1624^\circ$

## Examples

Find one (1) positive and one (1) negative coterminal angle of the given angle:

3.  $\frac{-15\pi}{2}$

4.  $\frac{19\pi}{4}$