

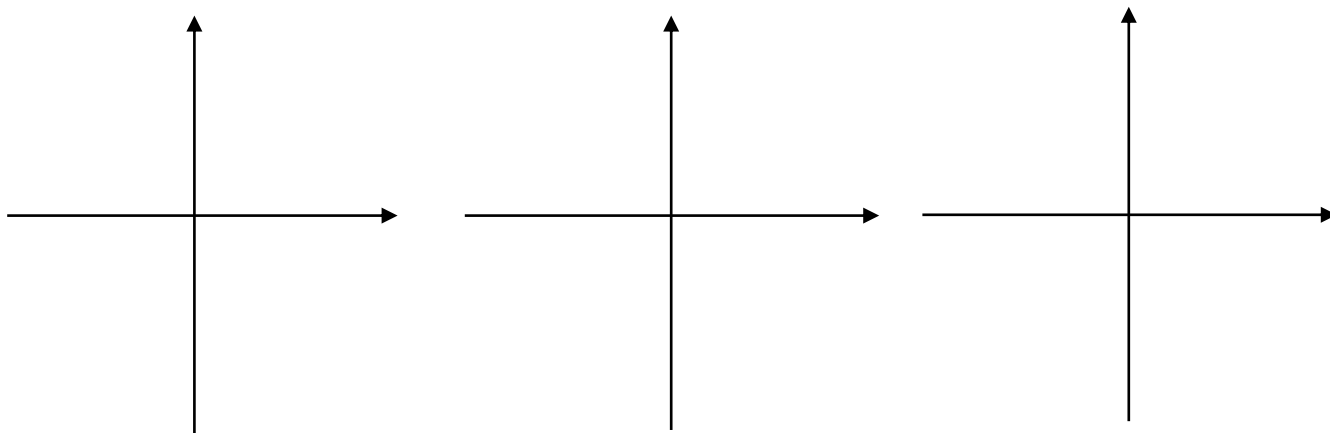
Finding Reference Angles → Evaluating Trigonometric Functions**Reference Angle**

When ____ is a _____ angle, its _____ is:

♦

♦

♦ formed by θ 's _____ side and the _____.

**Finding Reference Angles**

ex. Find the _____ angles of each given angle:

Tip: start with a _____ to determine _____

♦

♦

♦

Do: Sketch _____ then determine its reference angle.

Do: Sketch _____ then determine its reference angle.

example: Find the _____ angle of _____.

Do: Assuming _____ on unit circle, given _____ and _____,
find _____ and _____.

Evaluating Trigonometric Functions with Non-Acute Angles

Step 1:

Step 2:

Step 3:

Step 4:

Step 5:

Do: Construct Standard Angle Chart

θ	$\sin \theta$	$\cos \theta$	$\tan \theta$

Angle is in Degrees

ex. evaluate _____

ex. evaluate _____

ex. evaluate _____

Do: evaluate _____

Angle is in Radians

ex. evaluate _____

Do: evaluate _____

ex. evaluate _____

Another Example in Degrees:

ex. evaluate _____