

# MATH110 - College Trigonometry

## Short Quiz 001

Which of the following degree measures is equivalent to  $3\pi$  radians?

= $540^\circ$

An angle in the standard form has a positive measure.

=True

S is in the standard position. Which of the following statements is TRUE about  $\angle S$ ?

=Its initial side is on the positive x-axis

$270^\circ$  is equal to  $3\pi/2$  radians.

=True

What kind of angle is an angle that has an initial side at the positive x-axis and a terminal side at the negative y-axis?

=Quadrantal

A quadrantal angle is an angle in the standard form and has a terminal side in either axis.

=True

For an angle to have a positive measure, the terminal side must rotate clockwise.

=False

Which of the following angle measure is the largest?

=( $5\pi$ )/(6)

A and B are coterminal angles. If the measure of B is  $910^\circ$ , then in what quadrant is A located?

=QIII

If the initial side of an angle is at QII and its terminal side got to the third quadrant by rotating in the counterclockwise direction, then which of the following statements is TRUE about the angle?

=Its smallest possible measure is less than  $180^\circ$