MATH110 - College Trigonometry

LONG QUIZ 001

An angle in the standard position has an initial side on the positive x-axis.

=True

The cosecant of a point that is in QIV is negative.

=True

Which of the following angle measures is considered special in Trigonometry?

=(\pi)/(4)

Tan(\pi)/(4)>cos(\pi)/(3)

=True

Which of the following angles has a terminal side at the second quadrant?

=150\deg

What is sin(\pi)/(3)+cos(\pi)/(4)

=\sqrt((2)/(2)+\sqrt((3)/(2)))

Which of the following has a value of -\sqrt((2)/(2))

=cos(3\pi)/(4)

What is cos(\pi)/(2)-sin\pi +tan(\pi)/(4)

=1

The secant value of an angle can have a value between 0 and 1

=False

sin(\pi)/(4)=cos(\pi)/(4)

=True

If cos M > 0 and tan M = –7, then in what quadrant is M located?

=QIV

Which of the following is a solution to the equation 2sin x = –1

=(7\pi)/(6)

Point H has coordinates (–8, –15). What is the value of sec H?

=-17/8

Which angle is coterminal with 120°?
=480°

sin(\pi)/(4)-cot(\pi)/(4)=0

=false

Solve(cosx-1)(2cosx+\sqrt(3))=0, such that 0<=x<=\pi

={0,(5\pi)/(6)}

All six trigonometric function values of a point that is in QIII are negative.
=False

Which of the following radian measures is equal to 280°?
=(14\pi)/(9)

An angle in the standard form has a negative measure.
-False

If the cosecant of M is positive while its cotangent is negative, then in what quadrant is M located?
=QII

Given P(5, –12), determine sec P.
=13/5

What is cot(\pi)/(4)

=1

How may revolutions are in 810°?
=2.25

What is csc(\pi)/(6)?

=2

(5\pi)/(4) is a solution to the equation 2sinx+\sqrt(2)=0

=True

3\pi radians=?

=1.5 revs

The tangent of a point in the fourth quadrant is positive.
=False

Which of the following points is NOT on the unit circle?
=1/3, 2/3

What is the sign of the tangent of point L(–2, –7)

=Positive

A point P on the unit circle has coordinates $\left(\frac{5}{13}, -\frac{12}{13}\right)$. What is csc P?

=-13/12