

# MATH110 - College Trigonometry

Short Quiz 002

$$\sin 0 + \cos 0 = 0$$

=False

$$\cos(\pi/3) - \sin(\pi/4) + \tan(\pi/3)$$

$$= 1 - \sqrt{2} + 2\sqrt{3}/2$$

$$\tan \pi/4 = \sin \pi/2$$

=1

Which of the following is the reciprocal of the sine?

=cosecant

The cosine value of an angle can be greater than one.

=False

Which of the following has a value that is undefined?

$$= \sec(\pi/2)$$

$$\cos \pi/6 > \sin \pi/6$$

=True

The following trigonometric function values are equal to one except for

$$= \sin 45^\circ$$

Which of the following has the largest cosine value?

$$= 10^\circ$$

What angle has equal sine and cosine values?

$$= 45^\circ$$