

$$\text{arc cos} = \cos^{-1}$$

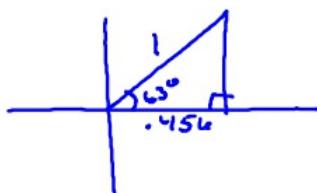
Inverse
of cos

Use inverse to
Find angle measure

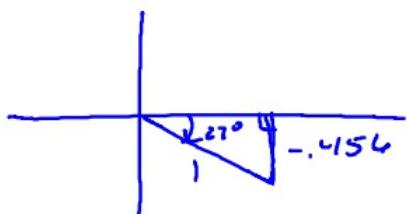
Use a calculator to find the approximate value in degrees. Draw the triangle that represents the situation.

$$A) \arccos(0.456)$$

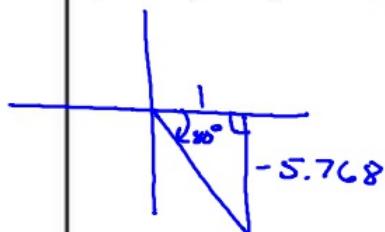
$$\text{arc cos } (0.456) = 63^\circ$$



$$B) \arcsin(-0.456) = -27^\circ$$



$$C) \arctan(-5.768) = -80^\circ$$



Use a calculator to find the approximate value in radians. Draw the triangle that represents the situation.

$$A) \arcsin(0.456)$$

$$B) \arccos(-0.456)$$

$$C) \arctan(-5.768)$$