

radians to degrees mult. by $180/\pi$

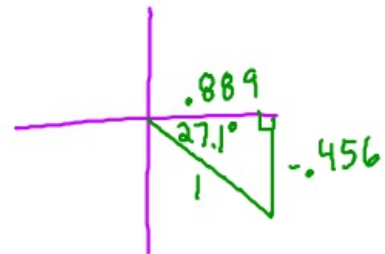
Use a calculator to find the approximate value in degrees. Draw the triangle that represents the situation.

A) $\arccos(.456)$

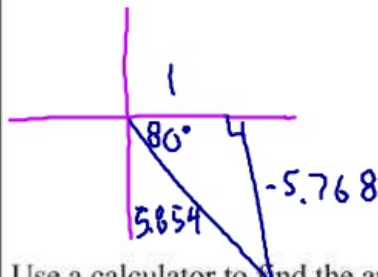
B) $\arcsin(-.456) = -27.1^\circ$

inverse

$\cos^{-1}(.456) = 62.8^\circ$



C) $\arctan(-5.768) = -80.1^\circ$



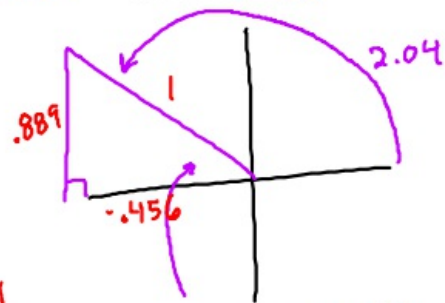
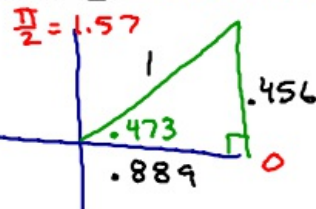
$1 \text{ rad} = 57.29^\circ$

$.5 \text{ rad} \approx 28.6^\circ$

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

A) $\arcsin(.456) = .473 \text{ radians}$

B) $\arccos(-.456) = 2.04 \text{ rad}$



$3.14 = \pi$

$\frac{\pi}{2} \text{ rad} = 90^\circ$

$\frac{\pi \text{ rad}}{\pi} = \frac{180^\circ}{\pi}$

$1 \text{ rad} = \frac{180}{\pi}$

C) $\arctan(-5.768) = -1.39 \text{ rad}$

$\pi - 2.04 = 1.097$

