Name

Trigonometry - Quadrant Sign - Two Trig Ratios and Signs to Angle (Radians)

1

Which angle would have trig ratios with these signs?

$\cot(\gamma) \rightarrow$ positive

$\cos(\gamma) \rightarrow$ negative

A $\gamma = \frac{\pi}{6}$ rad

B $\gamma = \frac{7\pi}{6}$ rad

2

Which angle would have trig ratios with these signs?

$\tan(\gamma) \rightarrow$ positive

$\sin(\gamma) \rightarrow$ positive

A $\gamma = \frac{5\pi}{4}$ rad

B $\gamma = \frac{\pi}{4}$ rad

3

Which angle would have trig ratios with these signs?

$\cot(\theta) \rightarrow$ positive

$\csc(\theta) \rightarrow$ negative

A $\theta = \frac{2\pi}{3}$ rad

B $\theta = \frac{7\pi}{6}$ rad

4

Which angle would have trig ratios with these signs?

$\cos(\beta) \rightarrow$ positive

$\sin(\beta) \rightarrow$ negative

A $\beta = \frac{2\pi}{3}$ rad

B $\beta = \frac{11\pi}{6}$ rad

5

Which angle would have trig ratios with these signs?

$\csc(\gamma) \rightarrow$ negative

$\sec(\gamma) \rightarrow$ negative

A $\gamma = \frac{\pi}{3}$ rad

B $\gamma = \frac{4\pi}{3}$ rad

6

Which angle would have trig ratios with these signs?

$\cot(\beta) \rightarrow$ positive

$\sec(\beta) \rightarrow$ positive

A $\beta = \frac{2\pi}{3}$ rad

B $\beta = \frac{\pi}{4}$ rad

7

Which angle would have trig ratios with these signs?

$\tan(\beta) \rightarrow$ negative

$\cos(\beta) \rightarrow$ negative

A $\beta = \frac{\pi}{3}$ rad

B $\beta = \frac{5\pi}{6}$ rad

8

Which angle would have trig ratios with these signs?

$\cos(\theta) \rightarrow$ positive

$\tan(\theta) \rightarrow$ positive

A $\theta = \frac{\pi}{4}$ rad

B $\theta = \frac{5\pi}{6}$ rad