



## Trigonometry - Quadrant Sign - One Trig Ratio and Sign to Angle (Degrees)

1 What angle would have a trig ratio with this sign?

$$\cos(\beta) \rightarrow \text{positive}$$

A  $\beta = 30^\circ$       B  $\beta = 210^\circ$

2 What angle would have a trig ratio with this sign?

$$\tan(\alpha) \rightarrow \text{negative}$$

A  $\alpha = 330^\circ$       B  $\alpha = 210^\circ$

3 What angle would have a trig ratio with this sign?

$$\tan(\theta) \rightarrow \text{negative}$$

A  $\theta = 300^\circ$       B  $\theta = 60^\circ$

4 What angle would have a trig ratio with this sign?

$$\sin(\beta) \rightarrow \text{negative}$$

A  $\beta = 240^\circ$       B  $\beta = 60^\circ$

5 What angle would have a trig ratio with this sign?

$$\cos(\alpha) \rightarrow \text{negative}$$

A  $\alpha = 300^\circ$       B  $\alpha = 210^\circ$

6 What angle would have a trig ratio with this sign?

$$\cos(\theta) \rightarrow \text{positive}$$

A  $\theta = 210^\circ$       B  $\theta = 315^\circ$

7 What angle would have a trig ratio with this sign?

$$\tan(\beta) \rightarrow \text{negative}$$

A  $\beta = 135^\circ$       B  $\beta = 240^\circ$

8 What angle would have a trig ratio with this sign?

$$\cos(\theta) \rightarrow \text{negative}$$

A  $\theta = 240^\circ$       B  $\theta = 330^\circ$