



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

1

Which angle would have trig ratios with these signs?

 $\tan(\gamma) \rightarrow$ positive $\cos(\gamma) \rightarrow$ negative

A $\gamma = 30^\circ$

B $\gamma = 210^\circ$

2

Which angle would have trig ratios with these signs?

 $\tan(\beta) \rightarrow$ negative $\sin(\beta) \rightarrow$ negative

A $\beta = 300^\circ$

B $\beta = 60^\circ$

3

Which angle would have trig ratios with these signs?

 $\cos(\beta) \rightarrow$ positive $\sin(\beta) \rightarrow$ negative

A $\beta = 150^\circ$

B $\beta = 330^\circ$

4

Which angle would have trig ratios with these signs?

 $\cos(\beta) \rightarrow$ positive $\sin(\beta) \rightarrow$ positive

A $\beta = 60^\circ$

B $\beta = 120^\circ$

5

Which angle would have trig ratios with these signs?

 $\cos(\beta) \rightarrow$ positive $\tan(\beta) \rightarrow$ negative

A $\beta = 210^\circ$

B $\beta = 315^\circ$

6

Which angle would have trig ratios with these signs?

 $\cos(\gamma) \rightarrow$ negative $\tan(\gamma) \rightarrow$ negative

A $\gamma = 240^\circ$

B $\gamma = 120^\circ$

7

Which angle would have trig ratios with these signs?

 $\cos(\theta) \rightarrow$ negative $\tan(\theta) \rightarrow$ positive

A $\theta = 300^\circ$

B $\theta = 240^\circ$

8

Which angle would have trig ratios with these signs?

 $\tan(\beta) \rightarrow$ negative $\cos(\beta) \rightarrow$ negative

A $\beta = 120^\circ$

B $\beta = 330^\circ$