Name

Trigonometry - Quadrant Sign - Two Trig Ratios and Signs to Quadrant Number

1 In which quadrant would these trig ratios have these signs?

$$\csc(\theta) \rightarrow \text{positive}$$
$$\cot(\theta) \rightarrow \text{positive}$$

A I B II C III D IV

2 In which quadrant would these trig ratios have these signs?

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

A I B II C III D IV

3 In which quadrant would these trig ratios have these signs?

$$\cot(\alpha) \rightarrow \text{positive}$$
$$\csc(\alpha) \rightarrow \text{positive}$$

A I B II C III D IV

4 In which quadrant would these trig ratios have these signs?

$$\csc(\gamma) \rightarrow \text{negative}$$
$$\cot(\gamma) \rightarrow \text{negative}$$

A I B II C III D IV

5 In which quadrant would these trig ratios have these signs?

$$\tan(\beta) \rightarrow \text{positive}$$
$$\sin(\beta) \rightarrow \text{positive}$$

A I B II C III D IV

6 In which quadrant would these trig ratios have these signs?

$$\cos(\gamma) \rightarrow \text{positive}$$
$$\sin(\gamma) \rightarrow \text{negative}$$

A I B II C III D IV

7 In which quadrant would these trig ratios have these signs?

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

A I B II C III D IV

8 In which quadrant would these trig ratios have these signs?

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

A I B II C III D IV