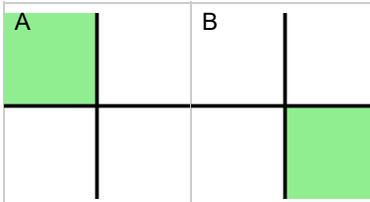


Trigonometry - Quadrant Sign - Two Trig Ratios and Signs to Quadrant Image

1

In which quadrant would these trig ratios have these signs?

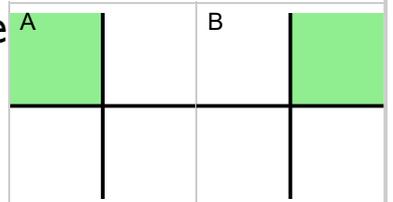
$\tan(\theta) \rightarrow$ negative
 $\cos(\theta) \rightarrow$ negative



2

In which quadrant would these trig ratios have these signs?

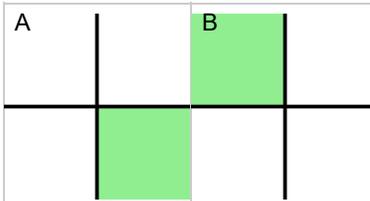
$\cot(\alpha) \rightarrow$ negative
 $\cos(\alpha) \rightarrow$ negative



3

In which quadrant would these trig ratios have these signs?

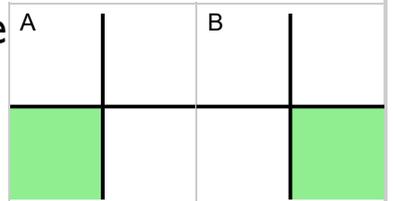
$\cot(\beta) \rightarrow$ negative
 $\sin(\beta) \rightarrow$ negative



4

In which quadrant would these trig ratios have these signs?

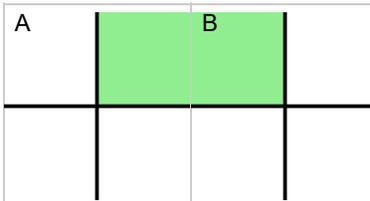
$\tan(\gamma) \rightarrow$ positive
 $\cos(\gamma) \rightarrow$ negative



5

In which quadrant would these trig ratios have these signs?

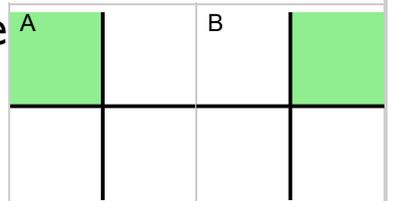
$\sec(\gamma) \rightarrow$ positive
 $\cot(\gamma) \rightarrow$ positive



6

In which quadrant would these trig ratios have these signs?

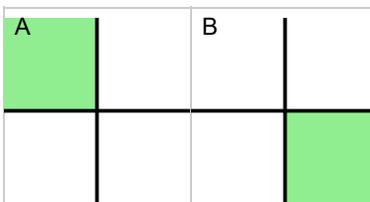
$\csc(\alpha) \rightarrow$ positive
 $\cot(\alpha) \rightarrow$ positive



7

In which quadrant would these trig ratios have these signs?

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



8

In which quadrant would these trig ratios have these signs?

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

