

mobius

Trigonometry Identities - Co-Function to Identity (Greek Letter)



 $\mathsf{tan}(\gamma)_{\scriptscriptstyle{lack}}$

Complete the cofunction identity for this expression

 $=\cot(90^{\circ}-\gamma)=\cot(90^{\circ}+\gamma)$

sin(lpha)

Complete the cofunction identity for this expression

= csc $(90^{\circ} - \alpha) =$ cos $(90^{\circ} - \alpha)$

3

Complete the cofunction identity

 $\mathsf{csc}(lpha)_{\scriptscriptstyle{lack}}$

for this expression

$$=\operatorname{\mathsf{sec}}(90^\circ-lpha) = \operatorname{\mathsf{sin}}(90^\circ-lpha)$$

4

 $\operatorname{\mathsf{sec}}(\alpha)$

Complete the cofunction identity for this expression

 $=\cos(90^{\circ}-lpha) = \csc(90^{\circ}-lpha)$

5

Complete the cofunction identity for this expression

$$egin{array}{ccc} \mathsf{A} & \mathsf{B} \ &= \mathsf{sec}(90^\circ - heta) = \mathsf{sin}(90^\circ - heta) \end{array}$$

6

8

 $\operatorname{sec}(\gamma)$

Complete the cofunction identity

= csc $(90^{\circ} - \gamma)$ = cos $(90^{\circ} - \gamma)$

7

 $\cos(\beta)$

Complete the cofunction identity for this expression

= sin(90° $-\beta$)= sec(90° $-\beta$)

 $sec(\beta)$

Complete the cofunction identity for this expression

 $=\cos(90^{\circ}-\beta)=\csc(90^{\circ}-\beta)$