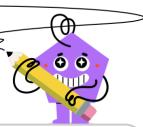


mobius

Trigonometry, Negative Angles Identity (Equations) - Cos/Sin/Tan to Identity



(Greek Letter)

What is true about the sine of this negative angle?

 $\sin(-\gamma)_{rac{\hat{\mathsf{sin}}(-\gamma)}{\sin(\gamma)}}\cos$

$$\dot{\sin}(-\gamma)=\sin(\gamma)$$

$$\overset{\scriptscriptstyle\mathsf{B}}{\mathsf{sin}}(-\gamma) = -\mathsf{sin}(\gamma)$$

What is true about the cosine of this negative angle?

$$\cos(-\alpha) = -\cos(\alpha)$$

$$\cos(-lpha)=\cos(lpha)$$

3

What is true about the tangent of this negative angle?

$$\mathsf{tan}(-lpha) = -\mathsf{tan}(lpha)$$

$$\mathsf{tan}(-lpha) = \mathsf{tan}(lpha)$$

What is true about the sine of this negative angle?

 $\mathsf{tan}(-lpha)_{rac{\mathsf{A}}{\mathsf{tan}(-lpha)}=-\mathsf{tan}(lpha)} \mathsf{sin}(-lpha)_{rac{\mathsf{A}}{\mathsf{sin}(-lpha)}=-\mathsf{sin}(lpha)}$

$$\overset{\scriptscriptstyle\mathsf{A}}{\mathsf{sin}}(-lpha) = -\mathsf{sin}(lpha)$$

$$\sin(-lpha)=\sin(lpha)$$

5

What is true about the cosine of this negative angle?

 $\cos(-\gamma)_{\stackrel{ ext{A}}{\cos(-\gamma)}=\cos(\gamma)}$

$$\overset{\scriptscriptstyle\mathsf{B}}{\mathsf{cos}}(-\gamma) = -\mathsf{cos}(\gamma)$$

What is true about the cosine of this negative angle?

$$\overset{ ext{ iny cos}}{ ext{ cos}}(- heta) = - ext{ cos}(heta)$$

$$\overset{\scriptscriptstyle\mathsf{B}}{\mathsf{cos}}(- heta) = \mathsf{cos}(heta)$$

7

What is true about the tangent of this negative angle?

$$\overset{\scriptscriptstyle\mathsf{A}}{\mathsf{tan}}(- heta)=\mathsf{tan}(heta)$$

$$\mathsf{tan}(- heta) = -\mathsf{tan}(heta)$$

8

What is true about the cosine of this negative angle?

$$-oldsymbol{eta}$$
 $\sum_{\mathsf{cos}(-eta)=\mathsf{cos}(eta)}^{ ext{ iny cos}}$

$$\cos(-eta) = -\cos(eta)$$