



Trigonometry Identities - Pythagorean (Sin² and Cos²) Identity True/False (Greek Letter)



1 Is this pythagorean trig identity correct?

$$\cos^2(\beta) = 1 - \sin^2(\beta)$$

A Yes

B No

2 Is this pythagorean trig identity correct?

$$\sin^2(\beta) = \cos^2(\beta) - 1$$

A Yes

B No

3 Is this pythagorean trig identity correct?

$$\cos^2(\gamma) = \sin^2(\gamma) - 1$$

A Yes

B No

4 Is this pythagorean trig identity correct?

$$\cos^2(\theta) = 1 - \sin^2(\theta)$$

A Yes

B No

5 Is this pythagorean trig identity correct?

$$\sin^2(\beta) = \cos^2(\beta) + 1$$

A Yes

B No

6 Is this pythagorean trig identity correct?

$$\sin^2(\theta) = \cos^2(\theta) + 1$$

A Yes

B No

7 Is this pythagorean trig identity correct?

$$\sin^2(\alpha) = 1 - \cos^2(\alpha)$$

A Yes

B No

8 Is this pythagorean trig identity correct?

$$\cos^2(\alpha) = \sin^2(\alpha) + 1$$

A Yes

B No