



Trigonometry Identities - Double Angle Identity True/False (Greek Letter)



1

Is this double-angle identity correct?

$$\tan(2 \cdot \theta) = \frac{2\tan(\theta)}{1 - \tan^2(\theta)}$$

A

B

Yes

No

2

Is this double-angle identity correct?

$$\cos(2 \cdot \theta) = \frac{1 - \tan^2(\theta)}{1 + \tan^2(\theta)}$$

A

B

Yes

No

3

Is this double-angle identity correct?

$$\sin(2 \cdot \theta) = \frac{2\tan(\theta)}{1 + \tan^2(\theta)}$$

A

B

Yes

No

4

Is this double-angle identity correct?

$$\sin(2 \cdot \beta) = 2\sin(\beta)\cos(\beta)$$

A

B

Yes

No

5

Is this double-angle identity correct?

$$\tan(2 \cdot \beta) = 2\tan(\beta)\cot(\beta)$$

A

B

Yes

No

6

Is this double-angle identity correct?

$$\sin(2 \cdot \theta) = 2\sin(\theta)\cos(\theta)$$

A

B

Yes

No

7

Is this double-angle identity correct?

$$\cos(2 \cdot \gamma) = \frac{1 - \tan^2(\gamma)}{1 + \tan^2(\gamma)}$$

A

B

Yes

No

8

Is this double-angle identity correct?

$$\sin(2 \cdot \theta) = \frac{\tan(\theta)}{1 + 2\tan(\theta)}$$

A

B

Yes

No