



Trigonometry Identities - Pythagorean (Sin² and Cos²) to Identity (Degrees)

1 Complete the pythagorean trig identity for this expression

$$\sin^2(210^\circ)$$

A

$$= \cos^2(210^\circ) + 1$$

B

$$= 1 - \cos^2(210^\circ)$$

2

$$\cos^2(330^\circ)$$

Complete the pythagorean trig identity for this expression

A

$$= \sin^2(330^\circ) + 1$$

B

$$= 1 - \sin^2(330^\circ)$$

3 Complete the pythagorean trig identity for this expression

$$\cos^2(30^\circ)$$

A

$$= 1 - \sin^2(30^\circ)$$

B

$$= \sin^2(30^\circ) + 1$$

4 Complete the pythagorean trig identity for this expression

$$\cos^2(315^\circ)$$

Complete the pythagorean trig identity for this expression

A

$$= \sin^2(315^\circ) - 1$$

B

$$= 1 - \sin^2(315^\circ)$$

5 Complete the pythagorean trig identity for this expression

$$\cos^2(120^\circ)$$

A

$$= 1 - \sin^2(120^\circ)$$

B

$$= \sin^2(120^\circ) - 1$$

6 Complete the pythagorean trig identity for this expression

$$\sin^2(120^\circ)$$

Complete the pythagorean trig identity for this expression

A

$$= \cos^2(120^\circ) - 1$$

B

$$= 1 - \cos^2(120^\circ)$$

7 Complete the pythagorean trig identity for this expression

$$\sin^2(300^\circ)$$

A

$$= 1 - \cos^2(300^\circ)$$

B

$$= \cos^2(300^\circ) - 1$$

8 Complete the pythagorean trig identity for this expression

$$\cos^2(240^\circ)$$

Complete the pythagorean trig identity for this expression

A

$$= \sin^2(240^\circ) - 1$$

B

$$= 1 - \sin^2(240^\circ)$$