Name

Trigonometry Identities - Pythagorean (Sin^2 and Cos^2) Identity True/False (Degrees)

1 Is this pythagorean trig identity correct?

$$\cos^2(135^\circ) = \sin^2(135^\circ) + 1$$

A	B
Yes	No

2 Is this pythagorean trig identity correct?

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

A	B
Yes	No

3 Is this pythagorean trig identity correct?

$$\cos^2(240^\circ) = \sin^2(240^\circ) + 1$$

A	B
Yes	No

4 Is this pythagorean trig identity correct?

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

A	B
Yes	No

5 Is this pythagorean trig identity correct?

$$\cos^2(45^\circ) = \sin^2(45^\circ) + 1$$

A	B
Yes	No

6 Is this pythagorean trig identity correct?

$$\cos^2(135^\circ) = 1 - \sin^2(135^\circ)$$

A	B
Yes	No

7 Is this pythagorean trig identity correct?

$$\sin^2(315^\circ) = \cos^2(315^\circ) + 1$$

A	B
Yes	No

8 Is this pythagorean trig identity correct?

$$\cos^2(60^\circ) = 1 - \sin^2(60^\circ)$$

A	B
Yes	No