Name

Trigonometry, Negative Angles Identity (Equations) - Csc/Sec/Cot to Identity (Degrees)

1 What is true about the secant of this negative angle? $\sec(-30^\circ)$

A $\sec(-30^\circ) = \sec(30^\circ)$

B $\sec(-30^\circ) = -\sec(30^\circ)$

2 What is true about the cosecant of this negative angle? $\csc(-150^\circ)$

A $\csc(-150^\circ) = -\csc(150^\circ)$

B $\csc(-150^\circ) = \csc(150^\circ)$

3 What is true about the cosecant of this negative angle? $\csc(-45^\circ)$

A $\csc(-45^\circ) = -\csc(45^\circ)$

B $\csc(-45^\circ) = \csc(45^\circ)$

4 What is true about the cotangent of this negative angle? $\cot(-120^\circ)$

A $\cot(-120^\circ) = \cot(120^\circ)$

B $\cot(-120^\circ) = -\cot(120^\circ)$

5 What is true about the cotangent of this negative angle? $\cot(-45^\circ)$

A $\cot(-45^\circ) = \cot(45^\circ)$

B $\cot(-45^\circ) = -\cot(45^\circ)$

6 What is true about the secant of this negative angle? $\sec(-120^\circ)$

A $\sec(-120^\circ) = \sec(120^\circ)$

B $\sec(-120^\circ) = -\sec(120^\circ)$

7 What is true about the cosecant of this negative angle? $\csc(-60^\circ)$

A $\csc(-60^\circ) = \csc(60^\circ)$

B $\csc(-60^\circ) = -\csc(60^\circ)$

8 What is true about the cotangent of this negative angle? $\cot(-135^\circ)$

A $\cot(-135^\circ) = -\cot(135^\circ)$

B $\cot(-135^\circ) = \cot(135^\circ)$