Name

Trigonemetry, Unit Circle Ratios (Tan, Sec, Csc, Cot) - Ratio To Ratio As Inverse (Degrees)

1

What inverse ratio would give this trigonometry ratio?

$$\cot(60^\circ)$$

A $\cot(60^\circ) = \frac{1}{\tan(60^\circ)}$

B $\cot(60^\circ) = \frac{1}{\csc(60^\circ)}$

2

What inverse ratio would give this trigonometry ratio?

$$\cot(30^\circ)$$

A $\cot(30^\circ) = \frac{1}{\tan(30^\circ)}$

B $\cot(30^\circ) = \frac{1}{\csc(30^\circ)}$

3

What inverse ratio would give this trigonometry ratio?

$$\csc(60^\circ)$$

A $\csc(60^\circ) = \frac{1}{\sin(60^\circ)}$

B $\csc(60^\circ) = \frac{1}{\cos(60^\circ)}$

4

What inverse ratio would give this trigonometry ratio?

$$\tan(60^\circ)$$

A $\tan(60^\circ) = \frac{1}{\sec(60^\circ)}$

B $\tan(60^\circ) = \frac{1}{\cot(60^\circ)}$

5

What inverse ratio would give this trigonometry ratio?

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

A $\cos(30^\circ) = \frac{1}{\sec(30^\circ)}$

B $\cos(30^\circ) = \frac{1}{\csc(30^\circ)}$

6

What inverse ratio would give this trigonometry ratio?

$$\tan(45^\circ)$$

A $\tan(45^\circ) = \frac{1}{\sec(45^\circ)}$

B $\tan(45^\circ) = \frac{1}{\cot(45^\circ)}$

7

What inverse ratio would give this trigonometry ratio?

$$\csc(30^\circ)$$

A $\csc(30^\circ) = \frac{1}{\cos(30^\circ)}$

B $\csc(30^\circ) = \frac{1}{\sin(30^\circ)}$

8

What inverse ratio would give this trigonometry ratio?

$$\sin(45^\circ)$$

A $\sin(45^\circ) = \frac{1}{\csc(45^\circ)}$

B $\sin(45^\circ) = \frac{1}{\sec(45^\circ)}$