

## Cosecant Examples with SimBraille

1. The cosecant of forty-five degrees is written  
 $\csc 45^\circ$

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2. The cosecant of open fraction pi over two close fraction equals one is written

$$\csc \frac{\pi}{2} = 1$$

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3. The cosecant of x is equal to open fraction one over the sine of x close fraction is written

$$\csc x = \frac{1}{\sin x}$$

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4. Cosecant squared theta equals cotangent squared theta plus one is written

$$\csc^2 \theta = \cot^2 \theta + 1$$

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