

Evaluate

Evaluate each expression.

1) $\frac{7 \csc 30^\circ}{6} + \sec 60^\circ$

2) $\sec \frac{\pi}{3} - 15 + \csc \frac{\pi}{4}$

3) $5\left(\cot \frac{\pi}{2} - 3\right)$

$\frac{\cot 60^\circ}{\csc 30^\circ}$

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5) $\csc 60^\circ (2 \sec 30^\circ)$

$90^\circ \cot^2 90^\circ$

Evaluate

Evaluate each expression.

1) $\frac{7 \csc 30^\circ}{6} + \sec 60^\circ$

2) $\sec \frac{\pi}{3} - 15 + \csc \frac{\pi}{4}$

3) $5\left(\cot \frac{\pi}{2} - 3\right)$

 $\frac{13}{3}$

13

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$\frac{\cot 60^\circ}{\csc 30^\circ}$

-15

 $\sqrt{3}$

5) $\csc 60^\circ (2 \sec 60^\circ - 3)$

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$0 \cot^2 90^\circ$

$\frac{2(2\sqrt{3} - 3)}{3}$

0