

Name : \_\_\_\_\_

## Evaluate

Reciprocal: S3

Evaluate each expression.

1)  $\sec 30^\circ + 13 \cot 30^\circ$

2)  $\sec \frac{\pi}{3} - 7 \csc \frac{\pi}{3} \sec \frac{\pi}{4}$

3)  $\cot 30^\circ + \sec$

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

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5)  $\frac{\cot \frac{\pi}{4}}{8 - \csc \frac{\pi}{2}}$

$${}^\circ \cot^2 90^\circ$$

**Evaluate**

Evaluate each expression.

1)  $\sec 30^\circ + 13 \cot 30^\circ$

2)  $\sec \frac{\pi}{3} - 7 \csc \frac{\pi}{3} \sec \frac{\pi}{4}$

3)  $\cot 30^\circ + \sec 60^\circ$

5)  $\frac{\cot \frac{\pi}{4}}{8 - \csc \frac{\pi}{2}}$

$\frac{41\sqrt{3}}{3}$

$\frac{7\sqrt{6}}{3}$

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

$2 + \sqrt{3}$

$\frac{+\sqrt{3}}{6}$

$0 \cot^2 90^\circ$

$\frac{1}{7}$

$0$

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