

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

## Evaluate

Reciprocal: S2

Evaluate each expression.

1)  $\cot^2 30^\circ \csc^2 45^\circ \csc^2 30^\circ$

2)  $\frac{\csc 60^\circ}{\cot 30^\circ \sec 45^\circ}$

3)  $\frac{3}{\cot^3 \frac{\pi}{3} + 5 \sec^2 \frac{\pi}{3}}$

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5)  $\csc 60^\circ (2 \sec 30^\circ + \csc 45^\circ)$

$3 \csc \frac{\pi}{2}$