

**Solve**

Solve each equation.

1)  $\frac{\sin 60^\circ}{\cot 30^\circ} + 4x = 1$

2)  $7 \sec \frac{\pi}{4} - 2 \csc \frac{\pi}{6} = \frac{5x}{\csc \frac{\pi}{2}}$

3)  $x^2 = 4 \cos$

**PREVIEW**

$= 35 + 2x \sec 0^\circ$

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5)  $11 \tan 0 -$

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$30^\circ - \cos 90^\circ$

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7)  $x - \frac{\sin 45^\circ}{\csc 60^\circ} = 0$

8)  $\tan^2 45^\circ + 3 \sec^3 60^\circ = 2x - 19$