

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

Solve

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 $\frac{1}{8}$ $\frac{7\sqrt{2}-4}{5}$

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 $\pm\sqrt{6}$

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 $\frac{\sqrt{6}}{4}$

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