

Solve each equation.

1)  $\sec \frac{\pi}{4} = 7x$

2)  $9x \cos 45^\circ = 63$

3)  $\tan 60^\circ = 1$

5)  $\frac{11}{x} = \cos \frac{\pi}{6}$

7)  $6 = \frac{x \csc 90^\circ}{9}$

8)  $7 \sec 30^\circ = 4x$

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## Solve

Solve each equation.

1)  $\sec \frac{\pi}{4} = 7x$

$\frac{\sqrt{2}}{7}$

2)  $9x \cos 45^\circ = 63$

$7\sqrt{2}$

3)  $\tan 60^\circ = 1$

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$\frac{\sqrt{3}-1}{5}$

5)  $\frac{11}{x} = \cos \frac{\pi}{6}$

$\frac{22\sqrt{3}}{3}$

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7)  $6 = \frac{x \csc 90^\circ}{9}$

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8)  $7 \sec 30^\circ = 4x$

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