

Solve each equation.

1) $\cos 0 \cos \frac{\pi}{4} = \frac{x}{3}$

2) $\frac{x}{\tan 45^\circ} = \frac{\sin 0^\circ + 4 \csc 60^\circ}{6}$

3) $\sec 0^\circ - 8x$

PREVIEW

$\frac{\pi}{3} = 4x$

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5) $9 + x = \frac{\cos}{\sin}$

$0^\circ = 19 + \sec 0^\circ$

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7) $x + 3(\cot^2 60^\circ - \sin^2 60^\circ) = 8$

8) $9 \cot \frac{\pi}{6} \cos \frac{\pi}{2} - 7 = x$

Solve

Solve each equation.

1) $\cos 0 \cos \frac{\pi}{4} = \frac{x}{3}$

$$\frac{3\sqrt{2}}{2}$$

2) $\frac{x}{\tan 45^\circ} = \frac{\sin 0^\circ + 4 \csc 60^\circ}{6}$

$$\frac{4\sqrt{3}}{9}$$

3) $\sec 0^\circ - 8x$

PREVIEW

$$\frac{\pi}{3} = 4x$$

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$$-\frac{3}{10}$$

5) $9 + x = \frac{csc 0^\circ}{10}$

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$$csc 0^\circ = 19 + \sec 0^\circ$$

$$-\frac{71}{8}$$

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7) $x + 3(\cot^2 60^\circ - \sin^2 60^\circ) = 8$

8) $9 \cot \frac{\pi}{6} \cos \frac{\pi}{2} - 7 = x$

$$\frac{37}{4}$$

$$-7$$