

Name : _____

Solving Equations

Sheet 1

Solve each equation.

1) $12 \cos^{-1} x - 3\pi = 0$

2) $-6 \sec^{-1} 2x = \pi$

3) $-16 \operatorname{cosec}^{-1} (x - 4) - 2\pi = 0$

5) $\cot^{-1} \left(\frac{x+4}{3} \right) = \frac{\pi}{2}$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

Solving Equations

Solve each equation.

1) $12 \cos^{-1} x - 3\pi = 0$

2) $-6 \sec^{-1} 2x = \pi$

3) $-16 \operatorname{cosec}^{-1} x = 2\pi$

$x = \frac{\sqrt{3}}{3}$

$x = \frac{1}{4}$

5) $\cot^{-1} \left(\frac{x+4}{3} \right) = \frac{\pi}{2}$

$x = \frac{1}{4}$

$\frac{\pi}{2}$

$x = -4$

$x = 1$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com