L2S1

Solving Trigonometric Equations

Solve each equation on the interval $0 \le x \le 2\pi$.

1)
$$2 \cos 2x \sec 2x \sin 3x = -\sqrt{3}$$

2)
$$3(\cot x + 1) = \tan x + 3$$

PREVIEW

3) $\frac{3 \sec^2 x}{2} = 2 t^2$

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5) $12 \sec x = -4$

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c = 0

-13 = 12

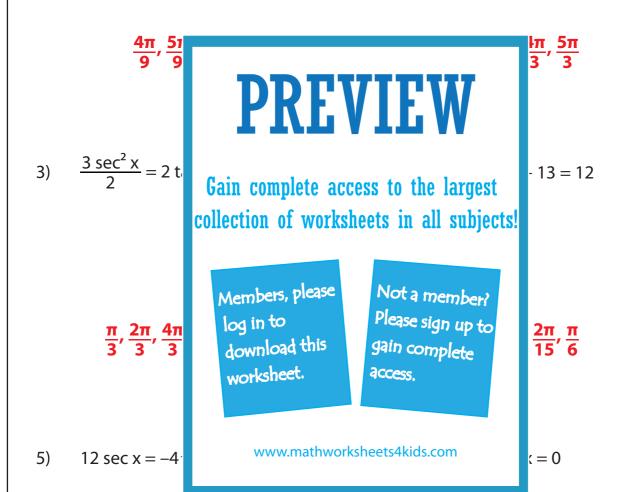
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$$\frac{5\pi}{6}, \frac{11\pi}{6}$$

$$\frac{\pi}{4}, \frac{5\pi}{4}$$