

Trig Equations – Using the Inverse Trig Functions

Solve for $0 \leq x < 2\pi$

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(1) $\sin x = 0.8$

(2) $\cos(x) = \frac{3}{8}$

(3) $\tan x = -\frac{2}{3}$

(4) $\cos(x) = 3$

Find all solutions:

(5) $5\cos(x) = -3$

(6) $4\sin 3x - 1 = 0$

(7) $9 - \tan x = 7$