

# Trig Equations

<b>Sin</b>	<b>All</b>
<i>180 - x</i>	<i>x</i>
<i>180 + x</i>	<i>360 - x</i>
<b>Tan</b>	<b>Cos</b>

Solve the following Trig Equations for  $0^\circ \leq x \leq 360^\circ$ :

Type your answer to the nearest degree

[no need to put degree symbol]

a)  $\sin x = 0.5$

b)  $5\sin x - 2 = 1$

c)  $8\cos x - 4 = 2$

d)  $3\tan x = 12$

e)  $\sin x + 0.7 = 0$

f)  $2\cos x = -1$

g)  $5\tan x + 6 = 1$

h)  $7\cos x - 2 = 3$