C11 - 2.5 - Special Trig Equations HW

Solve for x, $0 \leq x < 360$, answer should say $x =$
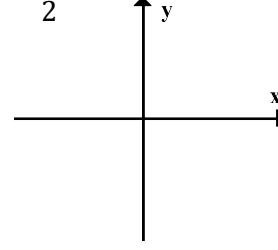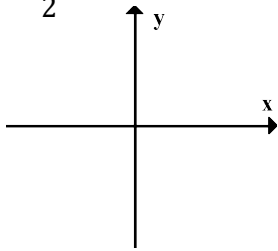
$sinx = \dfrac{1}{2}$

$cosx = \dfrac{1}{\sqrt{2}}$
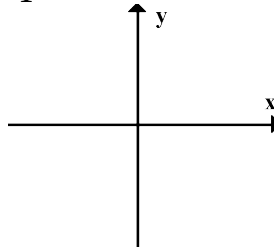
$sinx = \dfrac{\sqrt{3}}{2}$
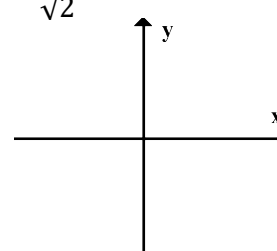
$cosx = \dfrac{\sqrt{3}}{2}$
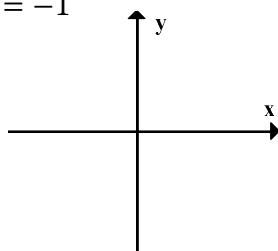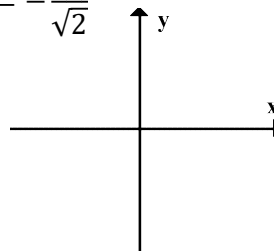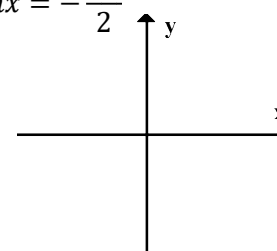
$tanx = 1$

$cosx = -\dfrac{1}{\sqrt{2}}$

$tanx = -1$

$sinx = -\dfrac{1}{\sqrt{2}}$

$sinx = -\dfrac{\sqrt{3}}{2}$
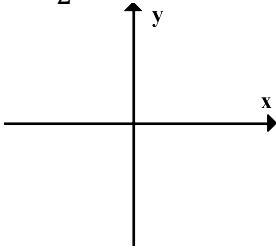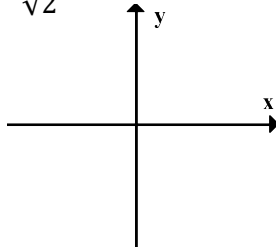
$sinx = -\dfrac{1}{2}$ $tanx = \sqrt{3}$ $cosx = -\dfrac{\sqrt{3}}{2}$ $sinx = \sqrt{3}$ $tanx = \dfrac{\sqrt{3}}{2}$
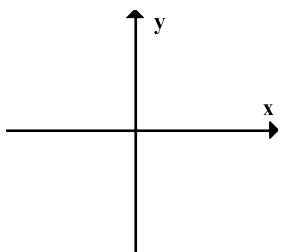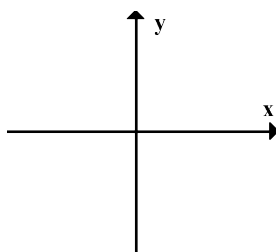
C11 - 2.5 - Algebra Special Trig Equations HW

Solve for x, 0 ≤ x < 360

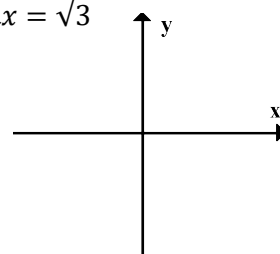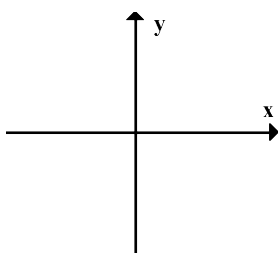$2sinx = 1$

$\sqrt{2}cosx = 1$
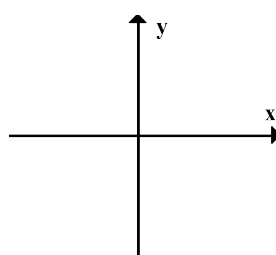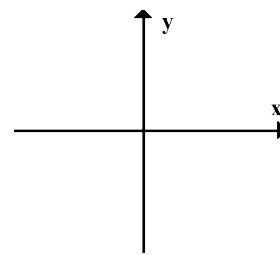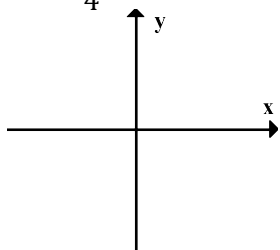
$-2sinx = \sqrt{3}$

$-\sqrt{2}sinx - 1 = 0$

$2\sin^2 x - 1 = 0$
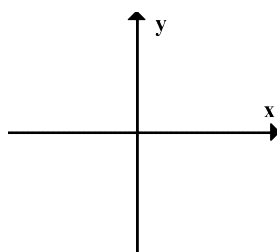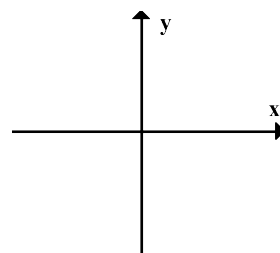
$tanx - 2 = -3$

$\sin^2 x = \dfrac{1}{4}$

$2\cos^2 x = 1$

$\tan^2 x = 1$

$2tanx = 2$

$4\cos^2 x - 1 = 0$

$2sinx = -\sqrt{3}$

$2cosx = -\sqrt{3}$

$2cosx + 1 = 0$