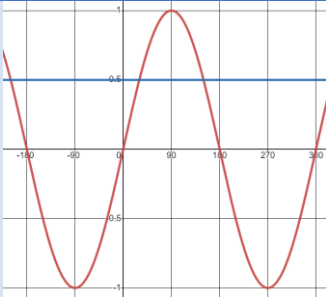
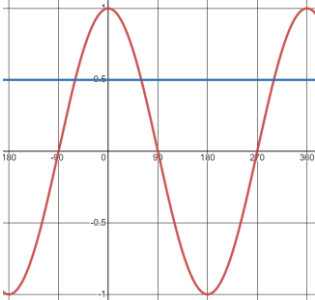
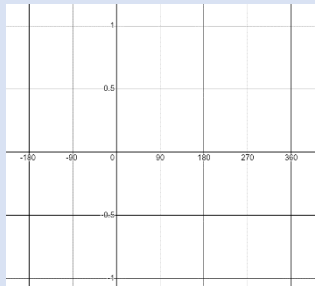
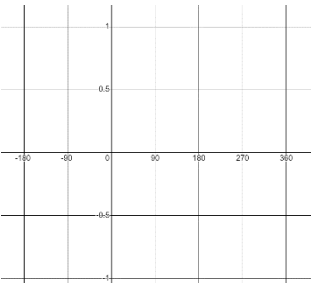


Trig Equation	Principal Solution (Solution from your calculator)	Sketch of the Graph	Solutions in the range $0 \leq x \leq 360$	Challenge: Solutions in the range $-180 \leq x \leq 180$
$\sin(x) = \frac{1}{2}$	$x = 30^\circ$			
$\cos(x) = \frac{1}{2}$				
$\sin(x) = \frac{\sqrt{3}}{2}$				
$\sin(x) = -\frac{\sqrt{3}}{2}$				

<i>Trig Equation</i>	<i>Principal Solution (Solution from your calculator)</i>	<i>Sketch of the Graph</i>	<i>Solutions in the range $0 \leq x \leq 360$</i>	<i>Solutions in the range $-180 \leq x \leq 180$</i>
$\sin(x) = 0.4$				
$\sin(x) = \frac{\sqrt{2}}{2}$				
$\cos(x) = \frac{-\sqrt{2}}{2}$				
$\cos(x) = -0.3$				