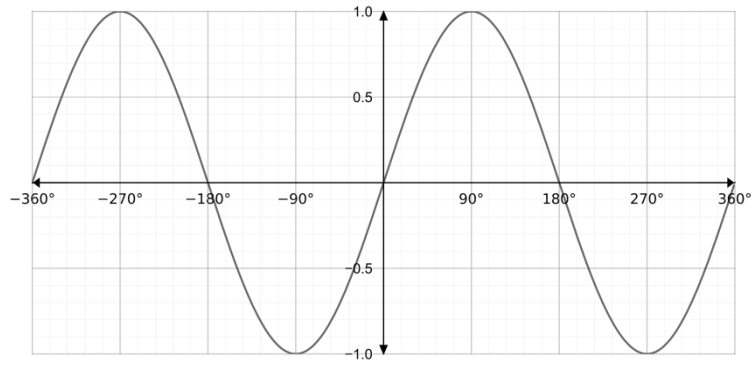
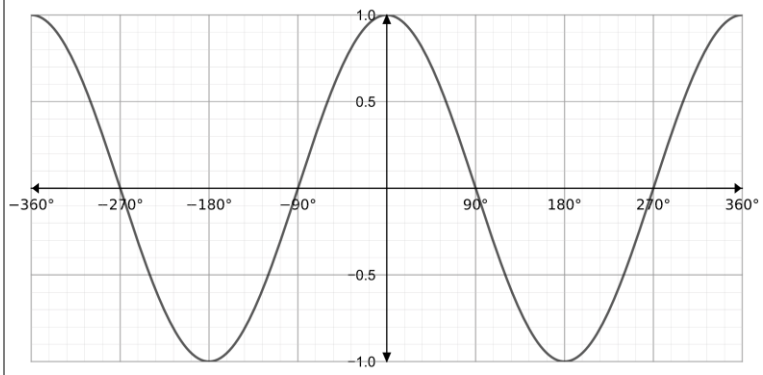
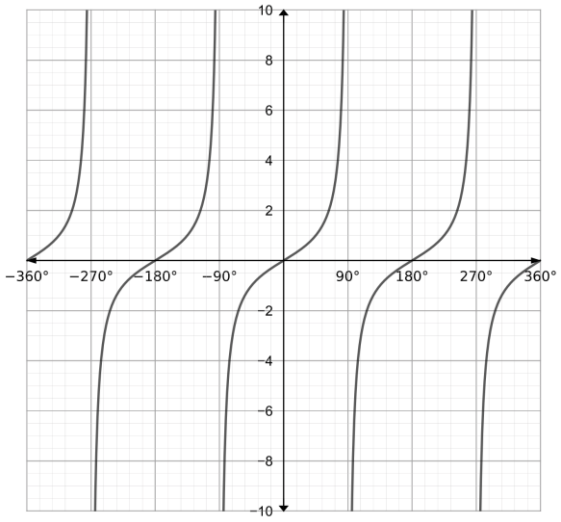
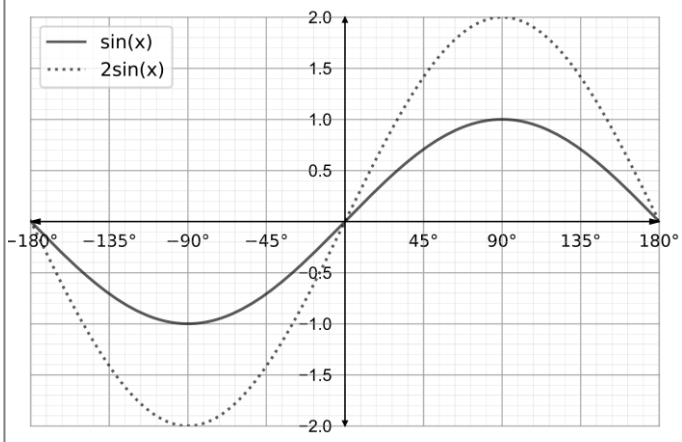
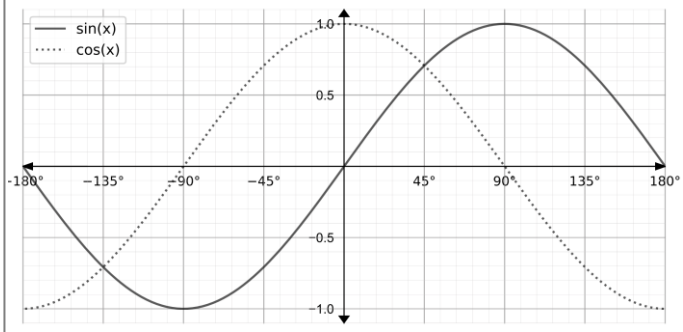
	Sin, Cos and Tan Mark Scheme	
1		[1] Correct sinusoidal shape [1] correct values plotted
2		[1] Correct sinusoidal shape [1] correct values plotted
3		[1] correct shape [1] correct asymptotes
4(a)	$\cos(x) = 0$ $x = -90 \; or \; x = 90$	[1] Both values of x
4(b)	$\cos(x) = \frac{1}{2}$ $x = 60 \pm 5 \; or \; x = -60 \pm 5$	[1] Both values of x
4(c)	The cos function only has a range of 1.	[1] Correct reasoning

5(a)	Sine	[1]
5(b)	Cosine	[1]
5(c)	Tangent	[1]
5(d)	None of the above	[1]
5(e)	Sine	[1]
5(f)	None of the above	[1]
6		[1] $y = \sin(x)$ [1] $y = 2\sin(x)$ [1] Both correctly plotted and labelled
7		[1] both curves correctly plotted [1] intersection points identified as solution as to the equation
	$x = -135 \pm 5 \; or \; x = 45 \pm 5$	[1] Correct intersection points from graph

END