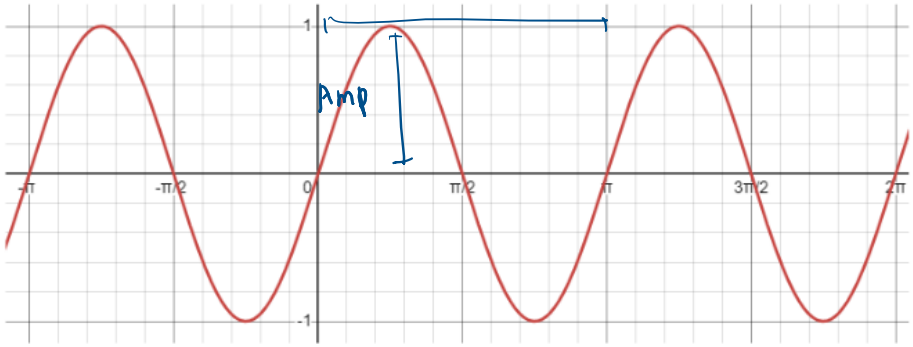
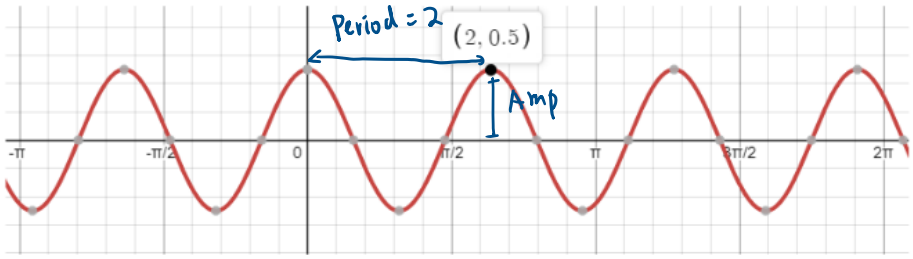
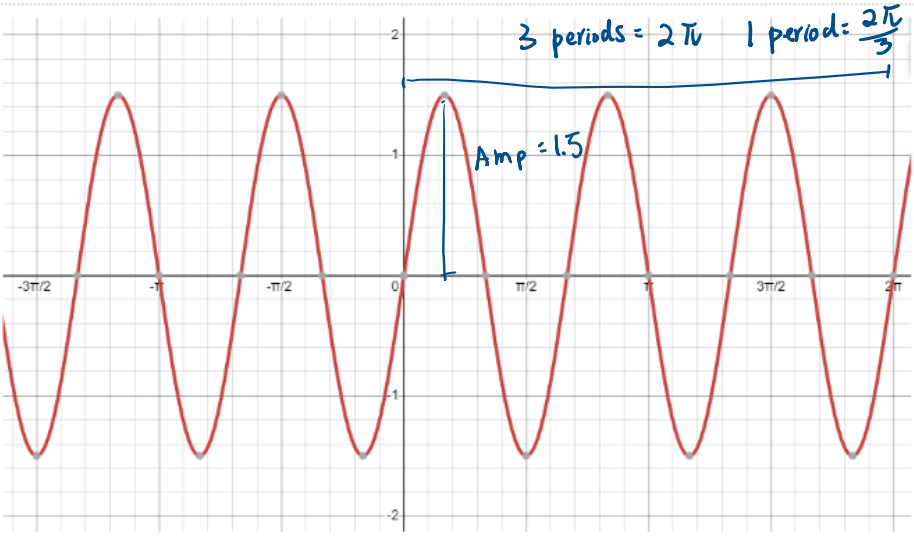
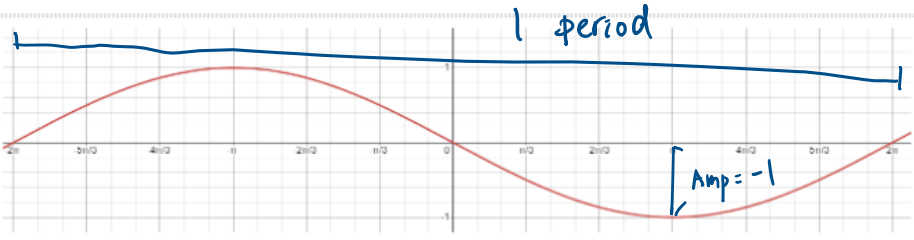
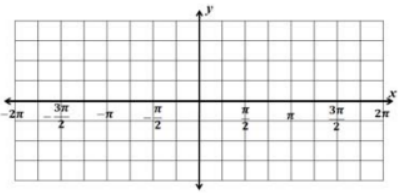
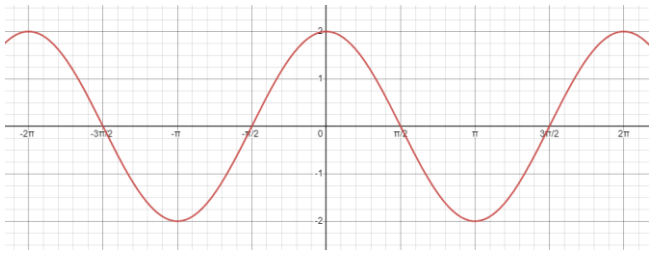
Graph	Equation of the graph
	Amp = 1 Period = $\frac{2\pi}{n}$ = π n = 2 y = sin (2x)
	Amp = $\frac{1}{2}$ Period = $\frac{2\pi}{n}$ = 2 n = π y = $\frac{1}{2}$ cos (πx)
	Amp = $\frac{3}{2}$ Period = $\frac{2\pi}{n}$ = $\frac{2\pi}{3}$ n = 3 y = $\frac{3}{2}$ sin(3x)
	Amp = 1 Period = $\frac{2\pi}{n}$ = 4π n = $\frac{1}{2}$ y = - sin($\frac{1}{2}$x)

Part B: Graph the following trigonometric functions on your grid paper.

7. $y = 2\cos x$

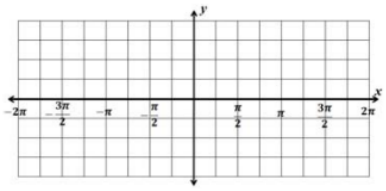
Amp: 2 Period: 2π Freq: $\frac{1}{2\pi}$

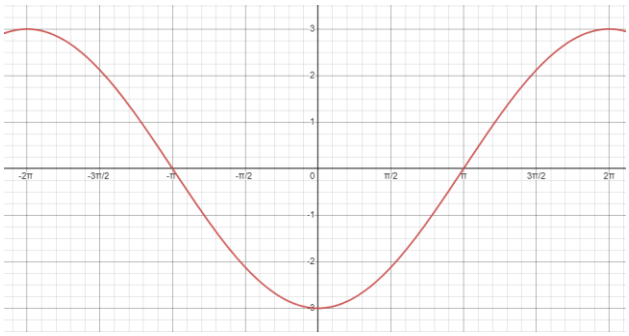




8. $f(\theta) = -3\cos\frac{1}{2}\theta$

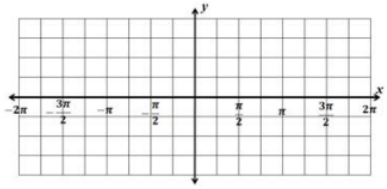
Amp: 3 Period: 4π Freq: $\frac{1}{4\pi}$

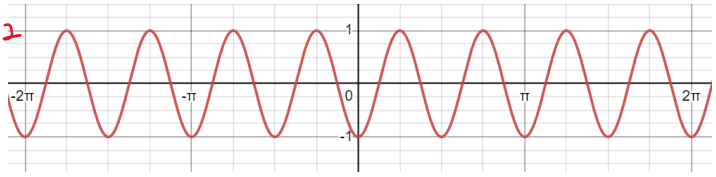




9. $y = -\cos 4x$

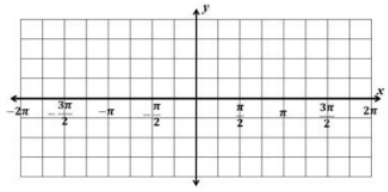
Amp: 1 Period: $\frac{1}{2}\pi$ Freq: $\frac{1}{\frac{\pi}{2}} = \frac{2}{\pi}$

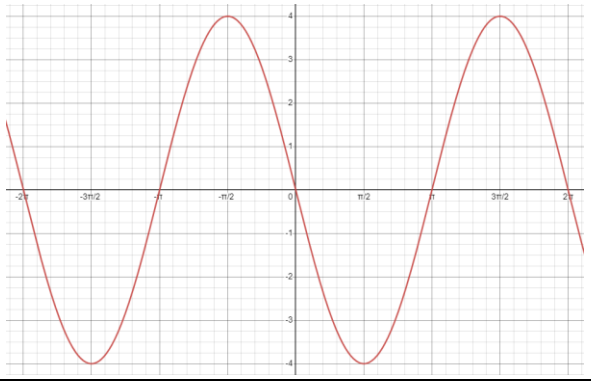




10. $f(\theta) = -4\sin\theta$

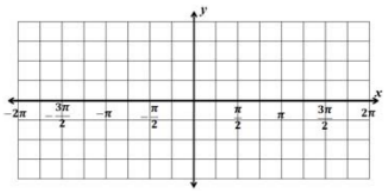
Amp: 4 Period: 2π Freq: $\frac{1}{2\pi}$

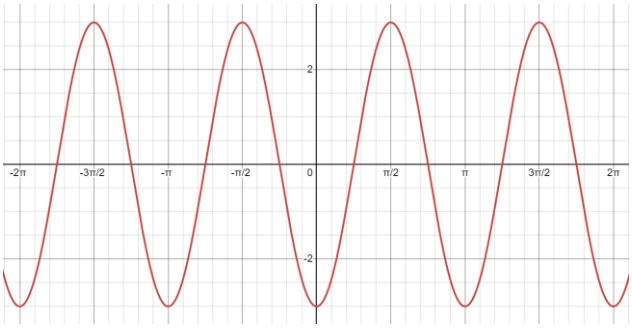




11. $y = -3\cos 2x$

Amp: 3 Period: π Freq: $\frac{1}{\pi}$





12. $y = 2\sin\frac{4}{3}x$

Amp: 2 Period: $\frac{3\pi}{2}$ Freq: $\frac{1}{\frac{3\pi}{2}} = \frac{2}{3\pi}$