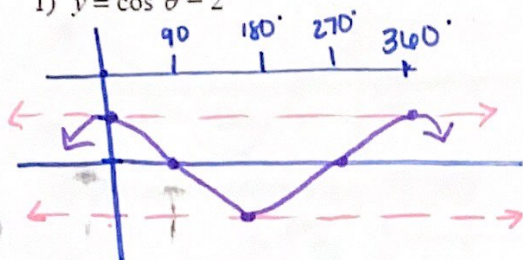


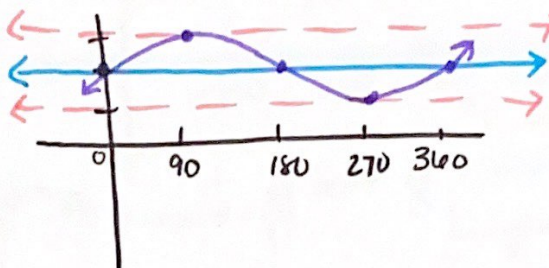
14.2 The Basics!

Graph each function using degrees

1) $y = \cos \theta - 2$

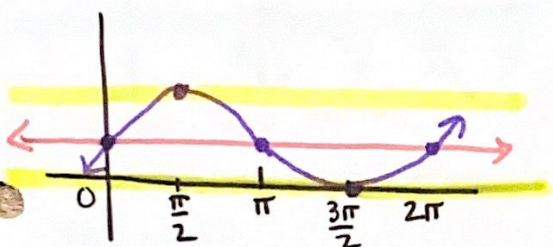


2) $y = \sin \theta + 2$

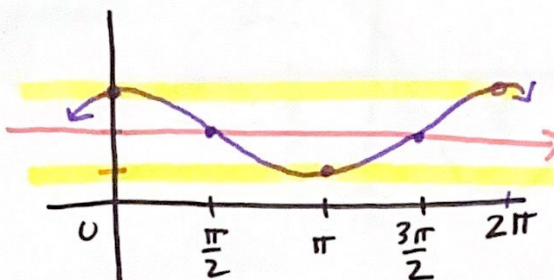


Graph each function using radians.

3) $y = \sin \theta + 1$

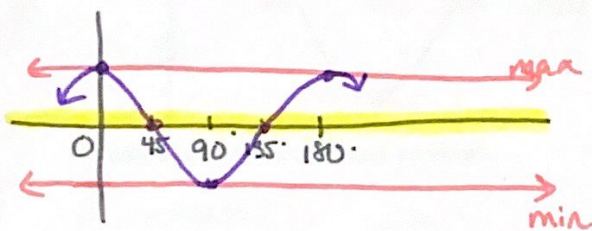
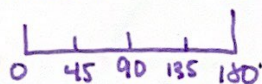


4) $y = \cos \theta + 2$

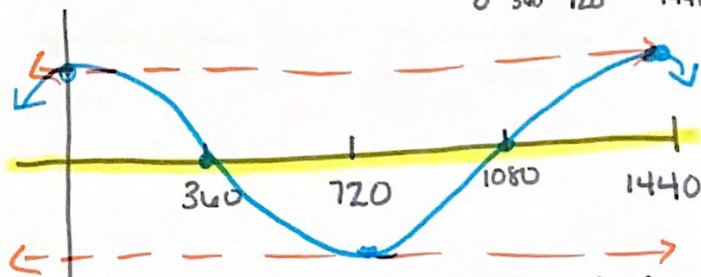
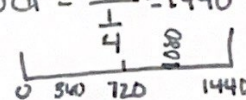


Graph each function using degrees

5) $y = \cos 2\theta$ $B = 2$ New period = $\frac{360}{2} = 180$



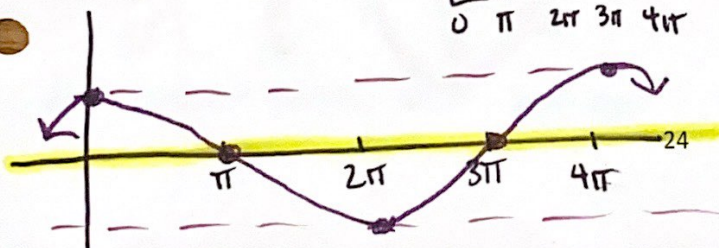
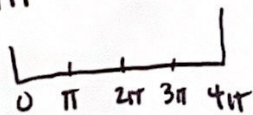
6) $y = \cos \frac{\theta}{4}$ New period = $\frac{360}{\frac{1}{4}} = 1440$



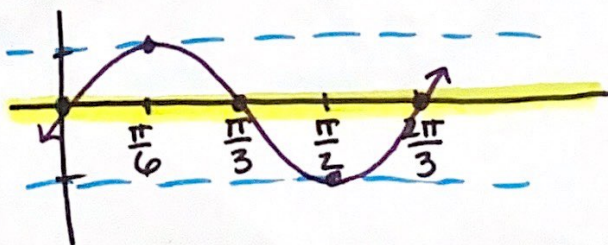
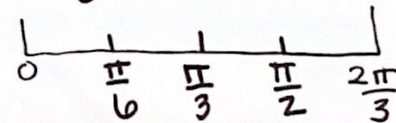
Graph each function using radians

7) $y = \cos \frac{\theta}{2}$ New period $B = \frac{1}{2}$

$\frac{2\pi}{\frac{1}{2}} = 4\pi$

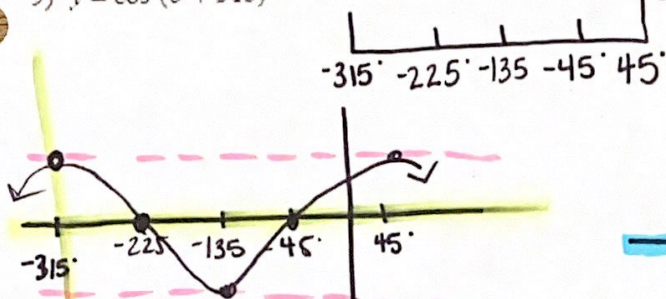


8) $y = \sin 3\theta$ $B = 3$ $\frac{2\pi}{3} = \text{New period}$



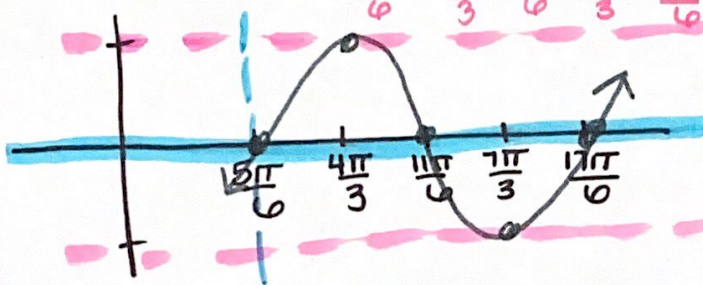
Graph each function using degrees.

9) $y = \cos(\theta + 315)$ left 315 (interval of 90°)

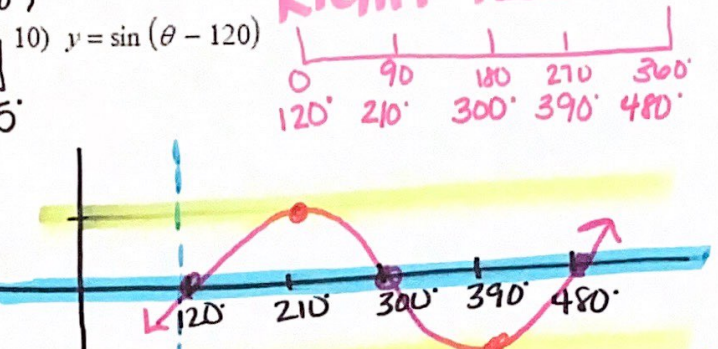
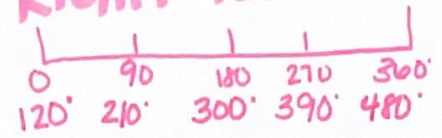


Graph each function using radians.

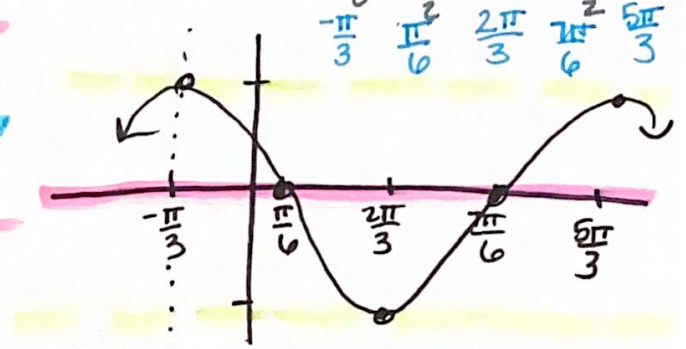
11) $y = \sin(\theta - \frac{5\pi}{6})$ Right $\frac{5\pi}{6}$



RIGHT 120°

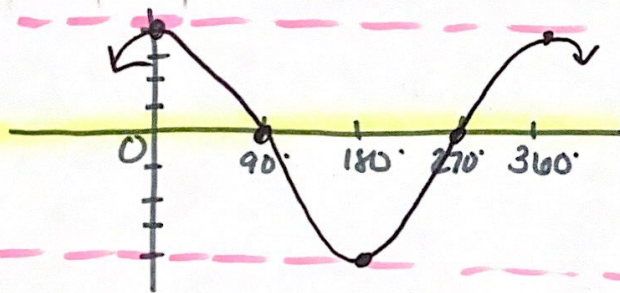


10) $y = \cos(\theta + \frac{\pi}{3})$ left $\frac{\pi}{3}$ Subtract $\frac{\pi}{3}$ from all

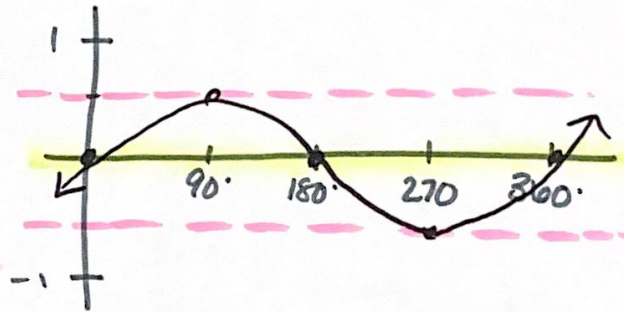


Graph each function using degrees.

13) $y = 4\cos \theta$

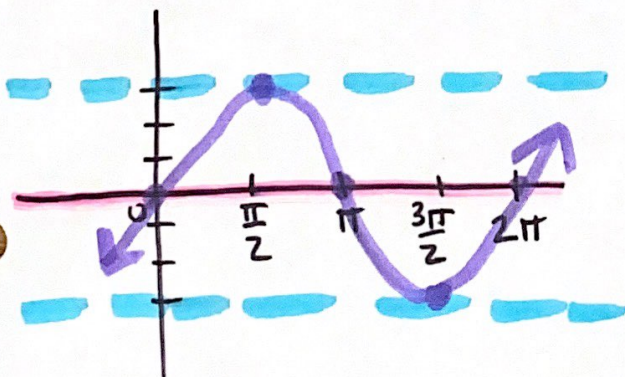


14) $y = \frac{1}{2} \sin \theta$



Graph each function using radians.

15) $y = 3\sin \theta$



16) $y = 2\sin \theta$

