

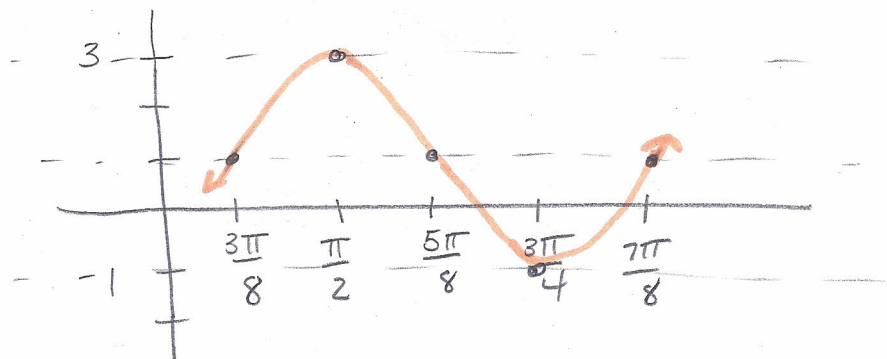
$$y = 2 \sin\left(4\theta - \frac{3\pi}{2}\right) + 1$$

$$A = 2$$

$$\text{Per} = \frac{\pi}{2}$$

$$\text{PS} = \frac{3\pi}{8}$$

$$\text{VS} = 1$$



$$\frac{\pi}{2} \cdot \frac{1}{4} = \frac{\pi}{8}$$

$\frac{3\pi}{8}$	1
$\frac{4\pi}{8} = \frac{\pi}{2}$	3
$\frac{5\pi}{8}$	1
$\frac{6\pi}{8} = \frac{3\pi}{4}$	-1
$\frac{7\pi}{8}$	1

$$y = 2 \cos\left(\frac{\theta}{2} - \frac{5\pi}{3}\right) + 1$$

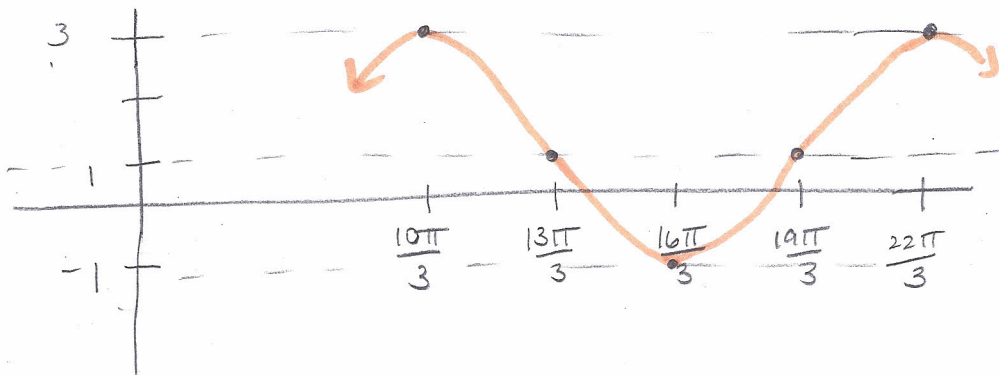
$$A = 2$$

$$\text{Per} = 4\pi$$

$$\text{PS} = \frac{10\pi}{3}$$

$$\text{VS} = 1$$

$\frac{10\pi}{3}$	3
$\frac{13\pi}{3}$	1
$\frac{16\pi}{3}$	-1
$\frac{19\pi}{3}$	1
$\frac{22\pi}{3}$	3



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