

1. Sketch the function using steps procedure

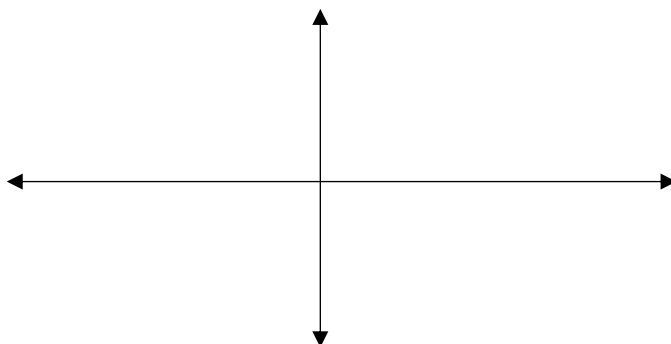
a. $f(x) = 3 \sin(4x)$. $A =$ _____

Period: _____ divide 4 = _____

Fundamental cycle

$0 \leq \text{_____} \leq 2\pi$

x	$Y=3\sin(4x)$



b. $f(x) = 2 \sin(3x - \pi)$

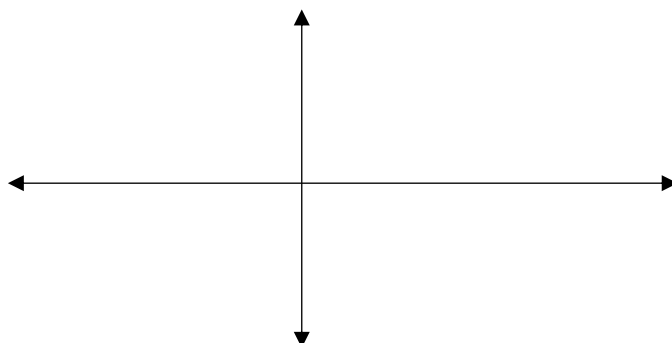
$A =$ _____

Period: _____ divide 4 = _____

Fundamental cycle

$0 \leq \text{_____} \leq 2\pi$

x	$f(x) = 2\sin(3x - \pi)$



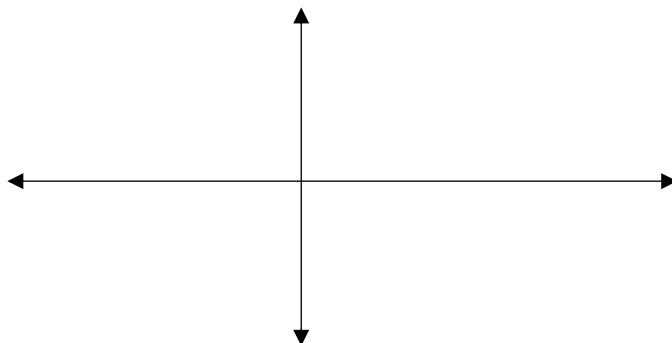
c. $f(x) = -\frac{1}{2} \cos\left(x - \frac{\pi}{2}\right) + 1$

Period: _____ divide 4 = _____

Fundamental cycle

$0 \leq \text{_____} \leq 2$

x	$f(x) = -\frac{1}{2}\left(x - \frac{\pi}{2}\right) + 1$



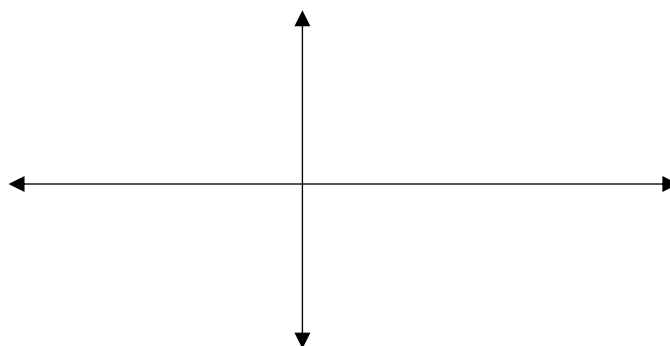
d. $f(x) = \cos(3x)$ A=_____

Period: _____ divide 4 = _____

Fundamental cycle

$$0 \leq \text{_____} \leq 2\pi$$

x	$f(x) = \cos(3x)$



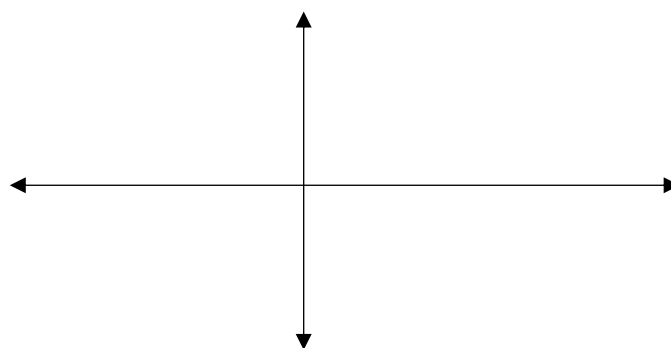
e. $y = 3 \sin(2\pi x - \pi) - 1$

Period: _____ divide 4 = _____

Fundamental cycle

$$0 \leq \text{_____} \leq 2\pi$$

x	$f(x) = 3 \sin(2\pi x - \pi) - 1$



f. $y = -2 \cos\left(\pi x + \frac{2\pi}{3}\right)$

Period: _____ divide 4 = _____

Fundamental cycle

$$0 \leq \text{_____} \leq 2\pi$$

x	$f(x) = 3 \sin(2\pi x - \pi) - 1$

