Graph the following. Label all positions on axis with the appropriate values and show work as necessary:

 y = sin **

Remember:

y = A sin k**or **y = A cos k**

Calculate your Period here:



 $P\_{a}= \frac{2π}{k}$

 y = cos *x*

Remember:

y = A sin k**or **y = A cos k**

Calculate your Period here:

 $P\_{a}= \frac{2π}{k}$

 y = 2sin 4**

Remember:

y = A sin k**or **y = A cos k**

Calculate your Period here:



 $P\_{a}= \frac{2π}{k}$

 y = 3cos $\frac{1}{2}$*x*

Remember:

y = A sin k**or **y = A cos k**

Calculate your Period here:

 $P\_{a}= \frac{2π}{k}$

 y = $\frac{2}{3}$sin $\frac{2θ}{3}$

Remember:

y = A sin k**or **y = A cos k**

Calculate your Period here:



 $P\_{a}= \frac{2π}{k}$

 y = -5cos 3*x*

Remember:

y = A sin k**or **y = A cos k**

Calculate your Period here:

 $P\_{a}= \frac{2π}{k}$

Graph the following trig functions over the given intervals:

 $y=2sinx; -π\leq x\leq π$



 $y=cosx; -7π\leq x\leq -5π$

