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

y = sin **

Remember:

y = A sin (k**h) + vs

y = A cos (k**h) + vs

Calculate your Period here:



 $P\_{a}= \frac{2π}{k} and h\_{s}= \frac{-h}{k}$

**

y = cos *x*

Remember:

y = A sin (k**h) + vs

y = A cos (k**h) + vs

Calculate your Period here:

 $P\_{a}= \frac{2π}{k} and h\_{s}= \frac{-h}{k}$

y = tan **

Remember:

y = A sin (k**h) + vs

y = A cos (k**h) + vs

Calculate your Period here:



 $P\_{a}= \frac{π}{k} and h\_{s}= \frac{-h}{k}$

**

y = cot *x*

Remember:

y = A sin (k**h) + vs

y = A cos (k**h) + vs

Calculate your Period here:

 $P\_{a}= \frac{π}{k} and h\_{s}= \frac{-h}{k}$

y = sec **

Remember:

y = A sin (k**h) + vs

y = A cos (k**h) + vs

Calculate your Period here:



 $P\_{a}= \frac{2π}{k} and h\_{s}= \frac{-h}{k}$

**

y = csc *x*

Remember:

y = A sin (k**h) + vs

y = A cos (k**h) + vs

Calculate your Period here:

 $P\_{a}= \frac{2π}{k} and h\_{s}= \frac{-h}{k}$

$$y=2\sin((2θ-\frac{π}{2}))+2$$



Remember:

y = A sin (k**h) + vs

y = A cos (k**h) + vs

Calculate your Period here:

 $P\_{a}= \frac{2π}{k} and h\_{s}= \frac{-h}{k}$

**


$$y=-3\cos((4θ+\frac{π}{3}))-2$$

Remember:

y = A sin (k**h) + vs

y = A cos (k**h) + vs

Calculate your Period here:

 $P\_{a}= \frac{2π}{k} and h\_{s}= \frac{-h}{k}$

y = sin-1 **

Remember:

y = A sin (k**h) + vs

y = A cos (k**h) + vs

Calculate your Period here:

 $P\_{a}= \frac{2π}{k} and h\_{s}= \frac{-h}{k}$

y = cos-1 *x*

Remember:

y = A sin (k**h) + vs

y = A cos (k**h) + vs

Calculate your Period here:

 $P\_{a}= \frac{2π}{k} and h\_{s}= \frac{-h}{k}$

y = tan-1 **

Remember:

y = A sin (k**h) + vs

y = A cos (k**h) + vs

Calculate your Period here:

 $P\_{a}= \frac{π}{k} and h\_{s}= \frac{-h}{k}$

y = cot-1 *x*

Remember:

y = A sin (k**h) + vs

y = A cos (k**h) + vs

Calculate your Period here:

 $P\_{a}= \frac{π}{k} and h\_{s}= \frac{-h}{k}$

y = sec-1 **

Remember:

y = A sin (k**h) + vs

y = A cos (k**h) + vs

Calculate your Period here:

 $P\_{a}= \frac{2π}{k} and h\_{s}= \frac{-h}{k}$

y = csc-1 *x*

Remember:

y = A sin (k**h) + vs

y = A cos (k**h) + vs

Calculate your Period here:



 $P\_{a}= \frac{2π}{k} and h\_{s}= \frac{-h}{k}$