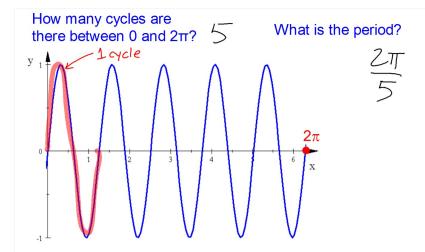
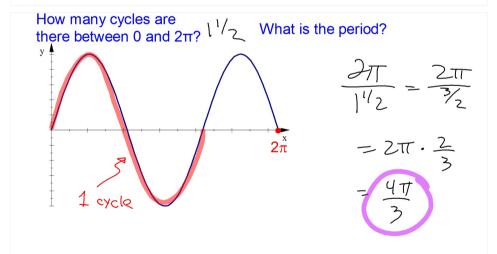


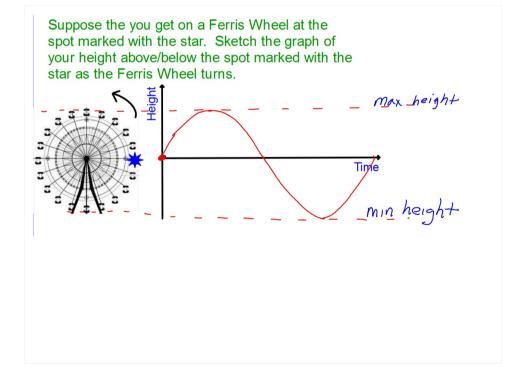
How many cycles are there between 0 and 2π ?

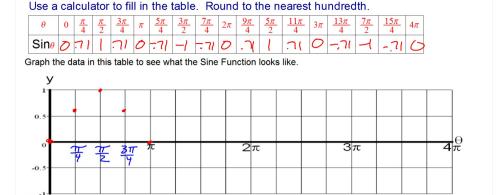
3

What is the period?





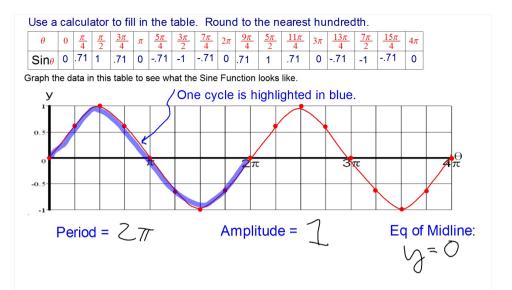


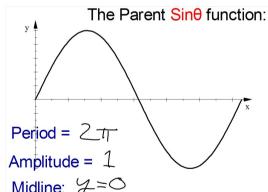


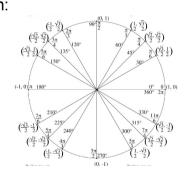
Demonstrations for the graph of a Sine Function.

https://www.geogebra.org/m/hrFQRycn

http://www.intmath.com/trigonometric-graphs/1-graphs-sine-cosineamplitude.php







Midline: $\mathcal{Y}=0$

$$Min = \frac{-7}{2} at \underline{0} = \frac{3}{2}$$

Range:
$$-1 \le y \le 1$$

or $\left[-1, 1\right]$

