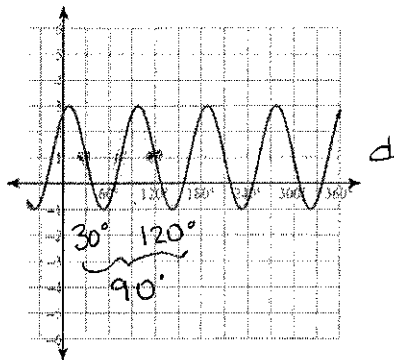


Warm-up: Writing Equations I

Write the equation of the graph using Sine:



$$pd \Rightarrow 90 = \frac{360}{b}$$

$$\cancel{90}b = \frac{360}{\cancel{90}}$$

$$b = 4$$

$$y = a \sin b(\theta - c) + d$$

$$y = -2 \sin 4(\theta - 30^\circ) + 1$$