

PRE-AP ALGEBRA 2

1) Find the period p of the sine waves.

a)

$$y = \sin(18x)$$

b)

$$y = \sin\left(\frac{\pi x}{16}\right)$$

4A.8 CLASSWORK

2) Graph

$$y = 3 \sin\left[\frac{\pi}{8}(x - 7)\right] + 1$$

on the axes provided. On the graph, label the quantities p , a , x_0 and y_0 .

