Honors Algebra 2 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13.4-13.5 Writing Equations for Sine and Cosine

Write an equation for each sine or cosine function.

10) Sketch on cycle of the sine function with amplitude 2 and period π.

11) Sketch the graph of **y = cos 2π θ** in the interval from 0 to 2π.

12) Sketch the graph of **y = -2 sin 4θ**.