

Practice 13-4 C

Name _____ Class _____ Date _____

Sketch one cycle of each sine curve. Assume $a > 0$. Write an equation for each graph. SHOW THE TABLE

1. amplitude = 2; period = π

2. amplitude = 2; period = $\frac{\pi}{2}$

3. amplitude = 1.5; period = $\frac{\pi}{3}$

4. $y = \sin \theta$

Sketch one cycle of the graph of each sine function.

5. $y = 2 \sin \theta$

6. $y = \sin 2\theta$

7. $y = 4 \sin 2\pi\theta$

8. $y = 3 \sin 6\theta$