

Graphing Trigonometric Functions

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Name: _____

Period: _____

Calculate the amplitude and period for each function. Then, sketch the curve.

1) $y = 3 \sin x$

2) $y = \cos 2x$

3) $y = 5 \sin 3x$

4) $y = -\cos \frac{1}{2}x$

5) $y = 2 \cos 4\pi x$

6) $y = \frac{1}{2} \sin \frac{\pi}{2}x$