

**Graphing Trigonometric Functions #2**

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Name: \_\_\_\_\_

Period: \_\_\_\_\_

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

1)  $y = \sin(x + 20^\circ)$

2)  $y = \cos(x - 10^\circ)$

3)  $y = 3 \sin 2(x - 5^\circ)$

4)  $y = -2 \cos 3(x + 30^\circ)$

5)  $y = 3 \cos 10 \left( x - \frac{\pi}{2} \right)$

6)  $y = \frac{1}{4} \sin \frac{1}{2} \left( x + \frac{\pi}{4} \right)$