

**Trig Graphing WS**  
***Sine, Cosine, Cosecant, Secant***

Name \_\_\_\_\_

Graph one complete period for each function and give the period, and domain and range of that period.

1)  $y = \sin(2x + \pi)$

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

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3)  $y = -\frac{1}{2} \csc\left(\frac{1}{2}x + \frac{\pi}{2}\right)$

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4)  $y = -\cos(-x - \pi) - 3$

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5)  $y = 3 \sec(-2x) + 2$

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$$6) y = \csc\left(3x - \frac{\pi}{2}\right)$$

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$$7) y = 2 \sin(4x + \pi) + 1$$

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$$8) y = 3 \csc x + 1$$

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$$9) y = 2 \sec(4x + \pi) - 1$$

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$$10) y = \frac{1}{2} \sin(8x - 4\pi) + 1$$

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