

Name \_\_\_\_\_

Date \_\_\_\_\_

## Trigonometry – Graphing Review

Period \_\_\_\_\_

Graph the following trig functions and state A, B, P, Increment, S.A., SP, Domain and Range.

1.

a)  $y = -4 \sin(3x) + 1$

b)  $y = 2 \cos(4x) - 5$

c)  $y = 5 \sin\left(\frac{x}{2} - \pi\right) - 2$

d)  $y = -2 \cos\left(4x + \frac{\pi}{2}\right)$

e)  $y = \frac{1}{2} \csc\left(\frac{x}{2}\right)$

f)  $y = -3 \sec\left(\frac{x}{3}\right) + 4$

g)  $y = -4 \csc(4x - \pi) - 2$

h)  $y = 2 \sec\left(\frac{x}{3} - \frac{\pi}{4}\right) + 3$

2.

a)  $y = 2 \tan\left(\frac{1}{2}x\right) - 6$

b)  $y = 3 \cot(2x) + 3$

c)  $y = 4 \tan\left(3x - \frac{\pi}{6}\right) - 1$

d)  $y = \cot\left(\frac{x}{2} - \pi\right)$