

Practice Quiz 3
Trig Functions and Graphing

Name _____
Date _____

- 1) State the amplitude, period, frequency, phase shift and vertical shift of the function

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

- 2) Write a function of tangent with a period of 3π and a phase shift $-\frac{\pi}{4}$ and vertical shift of

2

- 3) Write and graph a function of secant with a period of $\frac{\pi}{2}$

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- 4) Write and graph a function of cosine with an amplitude of 5 a period of $\frac{\pi}{4}$ and a vertical shift of -2

- 5) What is the function of the graph?