Sinusoidal Functions: Graphing Practice

Goal: Practice with the graphs of trig functions. Understand their characteristics (amplitude, period, midline, phase shift)

Graph the following sinusoidal functions.









Unit 3: Trigonometry

Identify the characteristics of the following graphs or description and build at least two equations (sine and cosine) that would have those characteristics.



Graphing Practice: May 28



There is a maximum at $\left(\frac{3\pi}{2},3\right)$ and the nearest minimum is at $\left(\frac{9\pi}{2},-5\right)$.

There is a maximum at (26, 93) and the nearest minimum is at (77, 1).

There is a minimum at (-83, -35) and the function passes the midline next at (-7, 16)

There are two consecutive intersections of the midline at $\left(-\frac{5\pi}{9}, -8\right)$ and $\left(\frac{5\pi}{3}, -8\right)$ and the function has a minimal vale of -12.