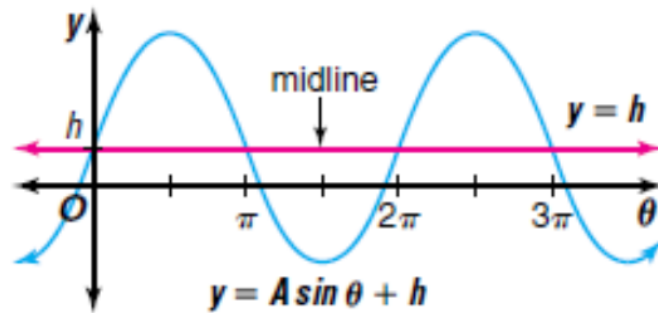


$$\left. \begin{aligned} y &= A \sin(k\theta - c) + h \\ y &= A \cos(k\theta - c) + h \end{aligned} \right\}$$



②

State the vertical shift and the equation of the midline for the function $y = 2 \cos \theta - 5$. Then graph the function.

$$y = 2 \cos \theta - 5$$

$$\begin{aligned} A &= 2 & K &= 1 \\ h &= -5 \end{aligned}$$

Vert. Shift = -5

midline: $y = -5$

Ampl: 2

Per: 2π

