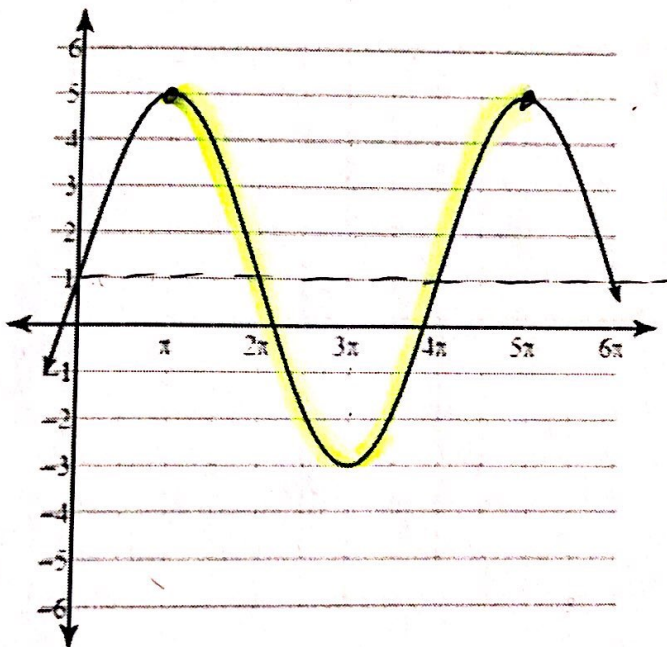


Warm-up: Writing Equations II

Write the equation of the graph using **Cosine**:



amp 4

Reflected NO

Phase Shift π

D: $[\pi, 5\pi]$

Period: $5\pi - \pi = 4\pi$

$$b = \frac{2\pi}{\text{period}} = \frac{2\pi}{4\pi} = \frac{1}{2}$$

VS: 1

$$Y = a \cos b(x - c) + d$$

$$Y = 4 \cos \frac{1}{2}(x - \pi) + 1$$