

Sketch one cycle of each equation. Make a table.

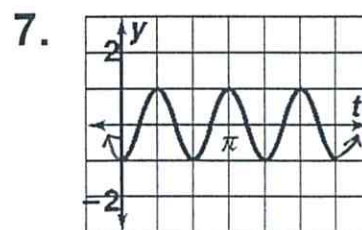
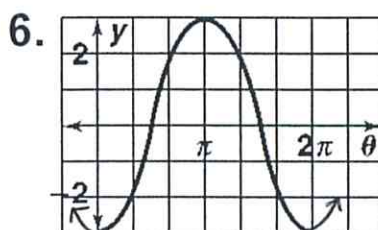
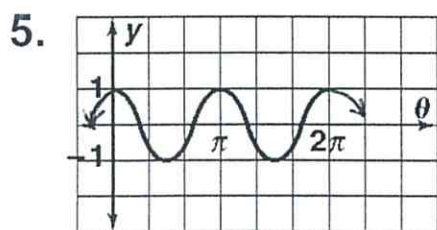
1. $y = \cos 2\theta$

2. $y = 3 \cos \frac{\pi}{2}\theta$

3. $y = -2 \cos \theta$

4. $y = .5 \cos 2\pi\theta$

Write a cosine equation for each graph. Mark the graph or show b/P work.



Write a cosine equation for each description. Show b work.

8. amp = 4, period = 2

9. amp = 2, period = 4π

10. amp = 1, period = $\frac{\pi}{2}$