

Algebra 3 Assignment # 13

Sketch a graph of each of the following showing at least one period.

(1) $y = 3\sin(4x)$

(5) $y = 5\cos(4x - \pi)$

(2) $y = 5\cos(2x)$

(6) $y = -2\sin\left(x + \frac{\pi}{2}\right)$

(3) $y = -\cos(x + \pi)$

(7) $y = 2\cos\left(\frac{1}{2}x - \pi\right) + 2$

(4) $y = 2\sin(3x - \pi)$

(8) $y = 2\sin^2(2x)$