

Algebra 3 Assignment # 14

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

(1) $y = 2\tan(4x)$

(7) $y = 2\sec(3x)$

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

(8) $y = -\csc(4x)$

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

(9) $y = 2\csc(3x + \pi)$

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

(10) $y = 3\sec\left(x + \frac{\pi}{2}\right)$

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

(11) $y = \sec\left(x - \frac{3\pi}{2}\right) + 1$

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

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