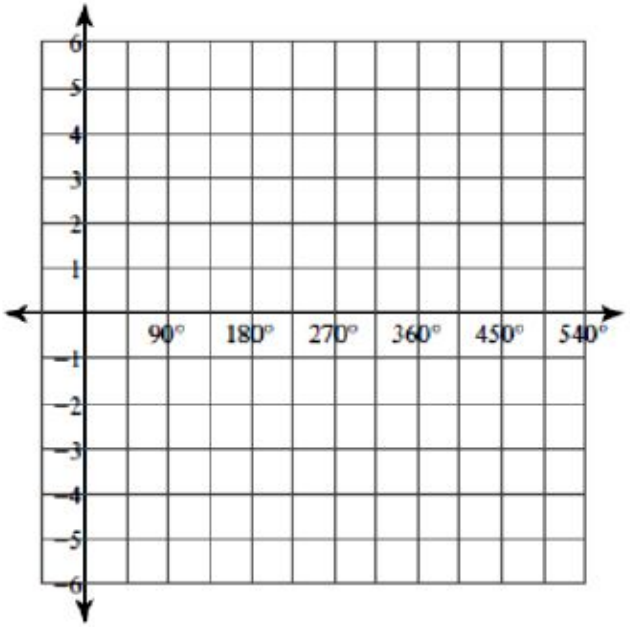
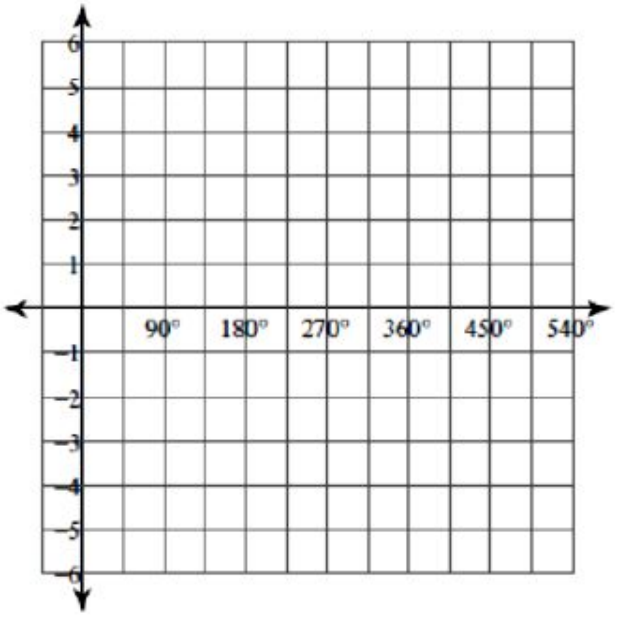
Warm up questions (7 min)

Using degrees, find the amplitude and period of each function. Then graph.

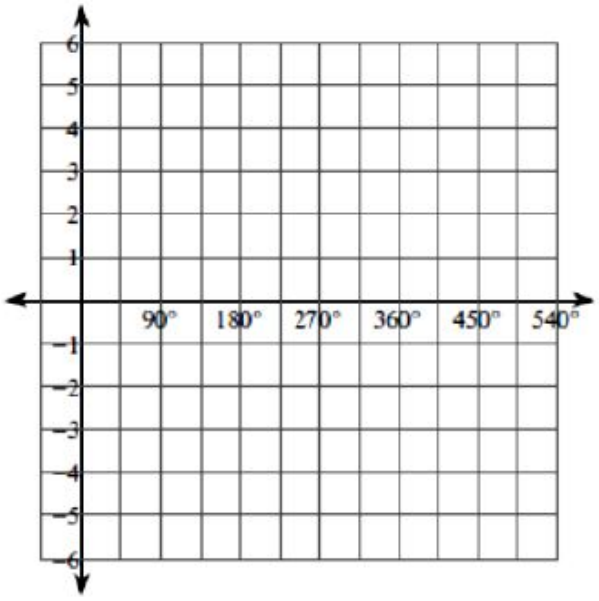
1) $y = \sin(\theta - 135)$



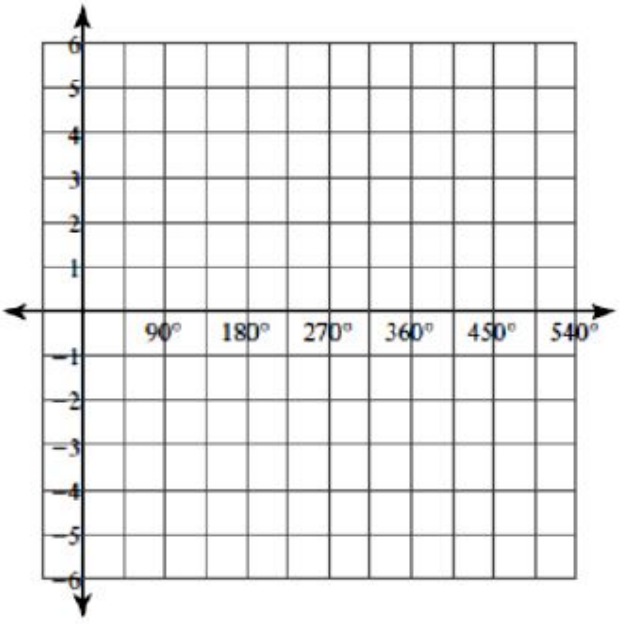
2) $y = \cos(\theta - 30)$



4) $y = 1 + \sin\theta$

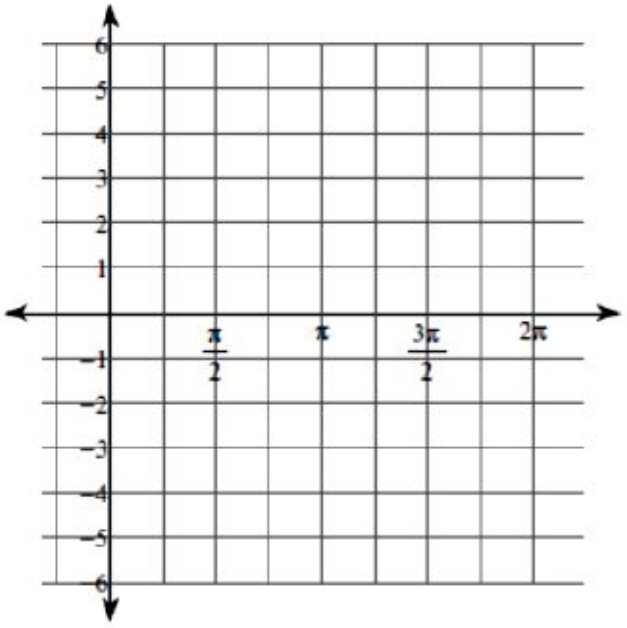


6) $y = 2 + 4\cos(\theta + 90)$



Using radians, find the amplitude and period of each function. Then graph.

9) $y = \frac{1}{2}\sin\left(3\theta + \frac{\pi}{4}\right) + 1$



11) $y = 4\cos\left(2\theta - \frac{5\pi}{6}\right) - 2$