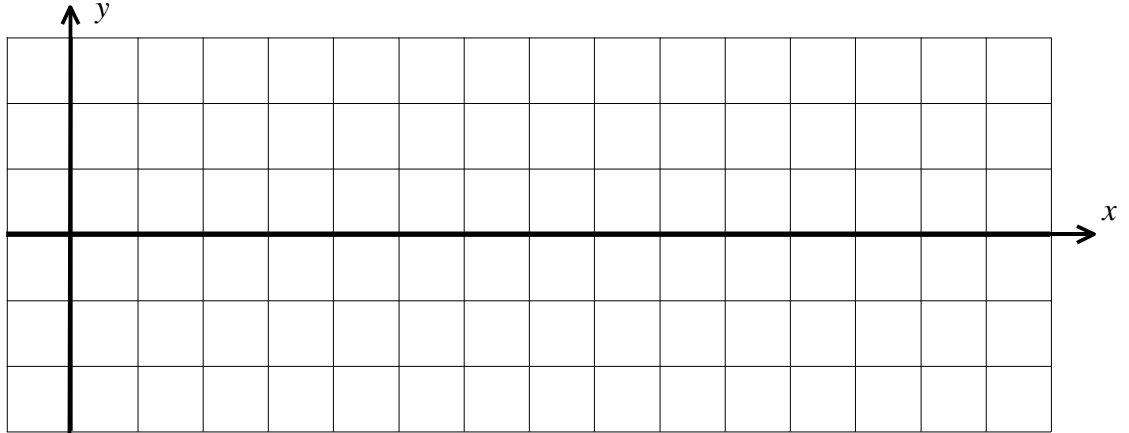
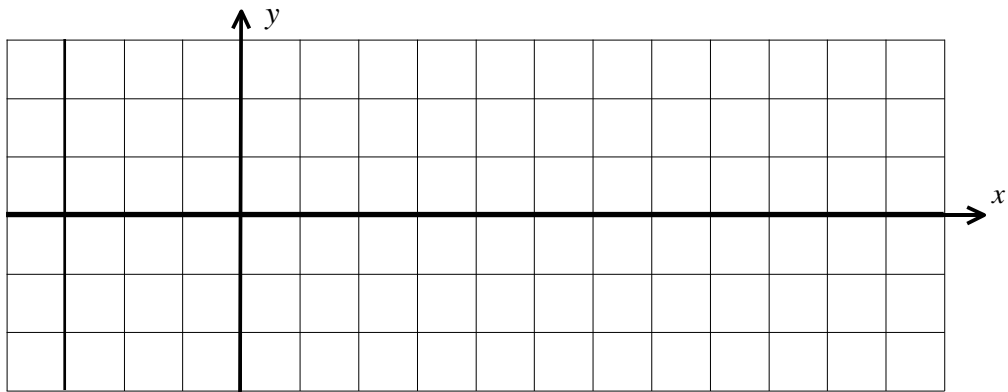


Graph each of the following. Draw two complete periods of each graph. Show how you determine the end points of a period

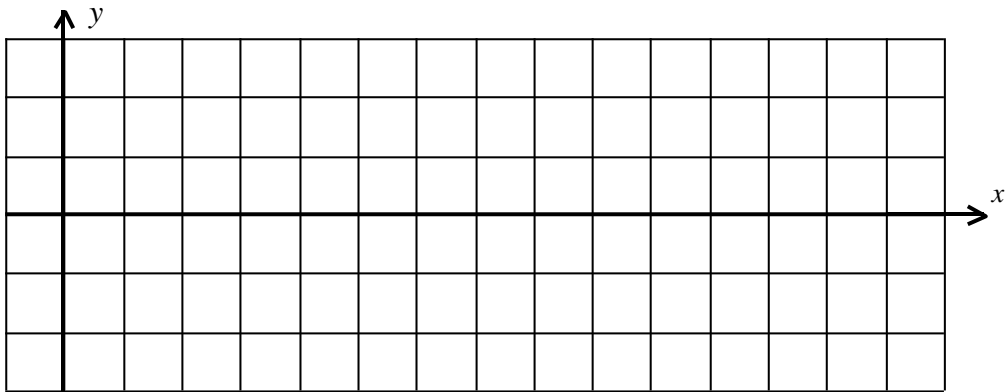
1.  $y = \sin(2x - \frac{\pi}{2})$



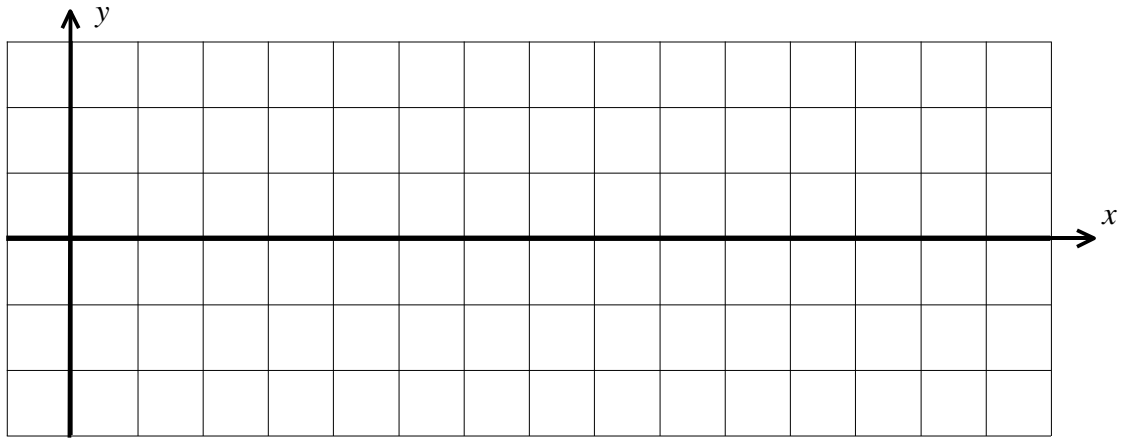
2.  $y = 2\cos(2x + \pi)$



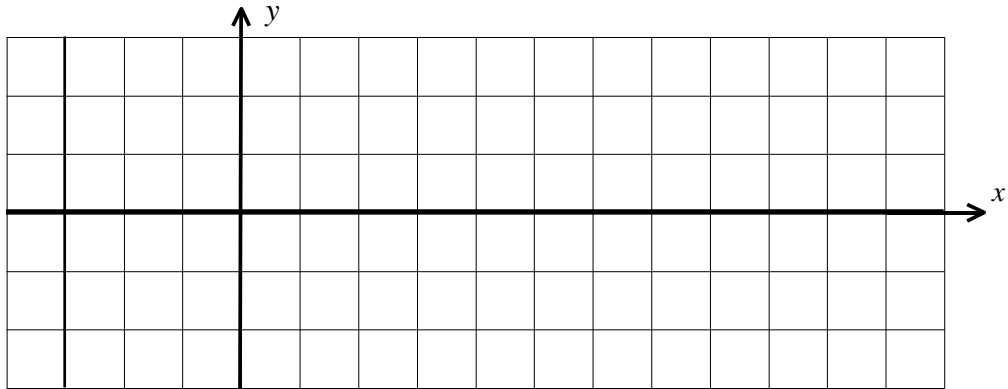
3.  $y = 3\sin(\pi x)$



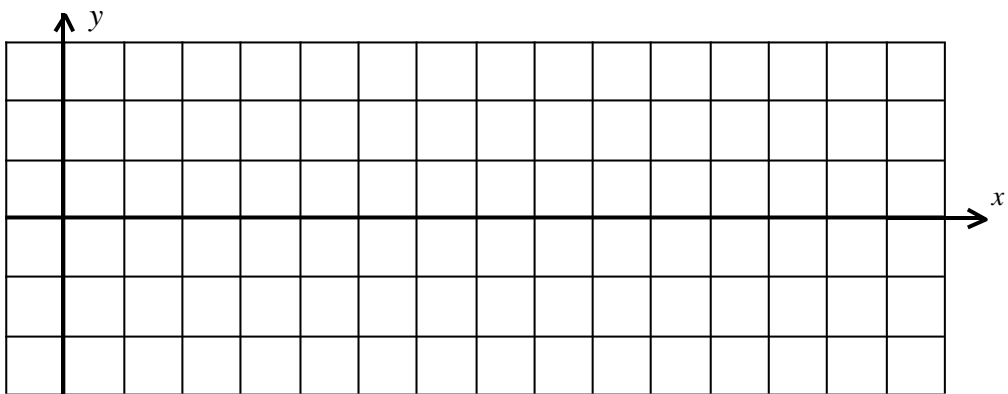
4.  $y = -3\sin(3x)$



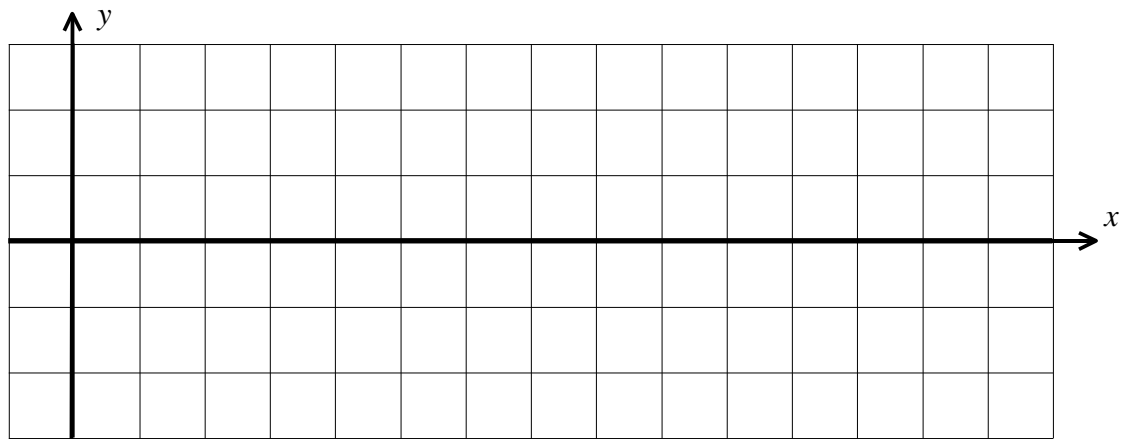
5.  $y = 2\sin\left(\frac{x}{2} + \frac{\pi}{4}\right)$



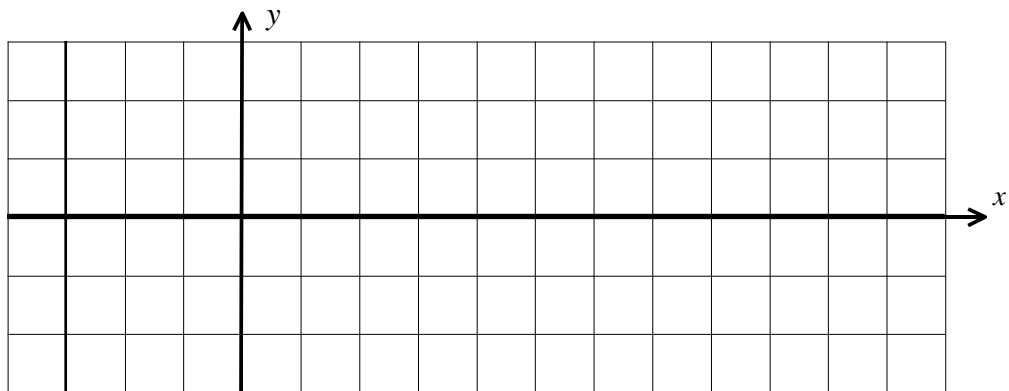
6.  $y = -3\cos(x - \pi)$



7.  $y = \sin(2x - \frac{\pi}{2})$



8.  $y = -2\cos(\pi x + \frac{\pi}{4})$



9.  $y = \frac{1}{2}\sin(4x - \pi)$

