

Graph 1 period for each function.

1.  $y = 2 \sin(-x)$



2.  $y = -\sin(x)$



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



4.  $y = 3 \sin\left(x + \frac{\pi}{2}\right)$



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



6.  $y = 3 \sin(-2x)$



7.  $y = \frac{1}{2} \csc(-x)$



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



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



10.  $y = 3 \csc\left(x - \frac{3\pi}{2}\right)$



11.  $y = \csc\left(\frac{-x}{3}\right)$



12.  $y = \csc(3x)$



13.  $y = \cos(-x)$



14.  $y = -\cos(x)$



15.  $y = 2\cos\left(x + \frac{3\pi}{4}\right)$



16.  $y = 3\cos\left(x - \frac{\pi}{2}\right)$



17.  $y = 2\cos\left(\frac{x}{4}\right)$



18.  $y = 2\cos(2x)$



19.  $y = 2\sec(-x)$



20.  $y = -\sec(x)$



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



22.  $y = 3\sec\left(x - \frac{\pi}{2}\right)$



23.  $y = \sec\left(\frac{-x}{3}\right)$



24.  $y = \sec(2x)$



25.  $y = -\tan(x)$



26.  $y = -\tan(x)$



27.  $y = 2\tan(x + \pi)$



28.  $y = 3\tan\left(x - \frac{\pi}{2}\right)$



29.  $y = \tan\left(\frac{x}{2}\right)$



30.  $y = \tan(3x)$



31.  $y = -\cot(x)$



32.  $y = \cot(-x)$



33.  $y = 2\cot(x + \pi)$



34.  $y = 3\cot\left(x - \frac{\pi}{4}\right)$



35.  $y = \cot\left(\frac{x}{3}\right)$



36.  $y = \cot(2x)$



37.  $y = \sin(x) + 1$



38.  $y = \csc(x) - 1$



39.  $y = \cos(x) - 1$



40.  $y = \sec(x) + 1$



41.  $y = \cot(x) + 1$



42.  $y = \cot(x) - 1$

