

# Answer Key

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## Practice C

1.  $y = 6 \sin \frac{1}{4}x$
2.  $y = 3 \cos 2x$
3.  $y = -5 \cos 3x$
4.  $y = \frac{1}{2} \sin \pi x + 2$
5.  $y = 2 \cos 2\pi x - 1$
6.  $y = -\sin \frac{\pi x}{2} + 3$
7.  $y = 4 \cos 2x$
8.  $y = -2 \cos 4\pi x$
9.  $y = 2 \cos \frac{1}{3}x + 1$
10.  $y = 3 \sin \frac{1}{2}x$
11.  $y = -5 \sin x$
12.  $y = \frac{3}{2} \sin 2\pi x - \frac{3}{2}$
13.  $h = 9 \cos 2\pi t + 13$