

Find the amplitude and period of each function.

- | | Amplitude | Period | | Amplitude | Period |
|-----------------------------------|-----------|--------|--|-----------|--------|
| 1. $y = \sin \theta$ | _____ | _____ | 6. $y = -\sin \frac{3}{2} \theta$ | _____ | _____ |
| 2. $y = 2 \sin \theta$ | _____ | _____ | 7. $y = \frac{2}{3} \sin 4\theta$ | _____ | _____ |
| 3. $y = \frac{1}{2} \cos \theta$ | _____ | _____ | 8. $y = 3 \sin \frac{2\theta}{3}$ | _____ | _____ |
| 4. $y = \sin 5\theta$ | _____ | _____ | 9. $y = -2 \cos \frac{\theta}{4}$ | _____ | _____ |
| 5. $y = -3 \cos \frac{\theta}{2}$ | _____ | _____ | 10. $y = \frac{3}{4} \cos \frac{3\theta}{2}$ | _____ | _____ |

Find the period of each function by examining its graph.

