

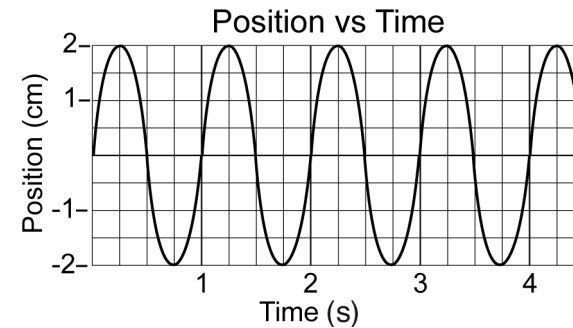
Skill and Practice Sheet Answer Key

18A Period and Frequency

1. 0.05 s
2. 0.005 s
3. 0.1 Hz
4. 3.33 Hz
5. period = 2 s; frequency = 0.5 Hz
6. period = 0.25 s; frequency = 4 Hz
7. period = 0.5 s; frequency = 2 Hz
8. Answers are:
 - a. 5 s
 - b. 5 s
 - c. 0.2 Hz
9. Answers are:
 - a. 120 vibrations
 - b. 2 vibrations
 - c. 0.5 s
 - d. 2 Hz

18B Harmonic Motion Graphs

1. Answers are:
 - a. A = 5 degrees; B = 100 cm
 - b. A = 1 second; B = 2 seconds
2. Answers are:
 - a. Diagram:



- b. Diagram:

