

1. List 2 major types or forms of energy that move as a wave:
2. How does length or string relate to the period of a pendulum?
3. What is simple harmonic motion (SHM)?
4. Draw a sine curve and label wavelength and amplitude:
  
5. What is the unit for frequency?
6. What is the source of all waves?
  
7. The energy transferred from a vibrating source to a receiver is carried by a disturbance in a \_\_\_\_\_, not by matter moving from one place to another within the medium. (376).
8. What is the speed of sound? \_\_\_\_\_
9. What is the formula for wave speed? \_\_\_\_\_
10. What is a transverse wave?
11. What is a longitudinal wave?
12. What type of waves are electromagnetic waves? \_\_\_\_\_
13. What type of waves are sound waves? \_\_\_\_\_
14. What type of interference would cause waves to be canceled out? \_\_\_\_\_
15. What parts remain stationary in a standing wave? \_\_\_\_\_
16. What are standing waves the result of? \_\_\_\_\_
17. What is the Doppler effect? \_\_\_\_\_
18. What is an increase in frequency due to the Doppler effect called (with light) \_\_\_\_\_
  
19. What is a shock wave? \_\_\_\_\_