Physical Science Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17.1 Review

Allen

1. Describe how mechanical waves are produced.
2. List the three main types of mechanical waves.
3. For each type of wave, compare the vibration of the medium to the direction of the wave.
4. Name one example of each type of wave.
5. How are transverse and longitudinal waves similar? How are they different?
6. A spring hangs from the ceiling. Describe how a single coil moves as a longitudinal wave passes through the spring.
7. In Figure 4 in your book, why is the first position of the bobber the same as the fifth position of the bobber?