

Name \_\_\_\_\_

## Waving Hello to Differences: Transverse and Longitudinal Waves

### Multiple Choice Answer Key

1. A) Transverse wave
2. B) Particles move parallel to the wave's direction in transverse waves and perpendicular in longitudinal waves.
3. C) Sound wave
4. B) Transverse waves have crests and troughs; longitudinal waves have regions of compression and rarefaction.
5. A) They both require a medium to travel through.

