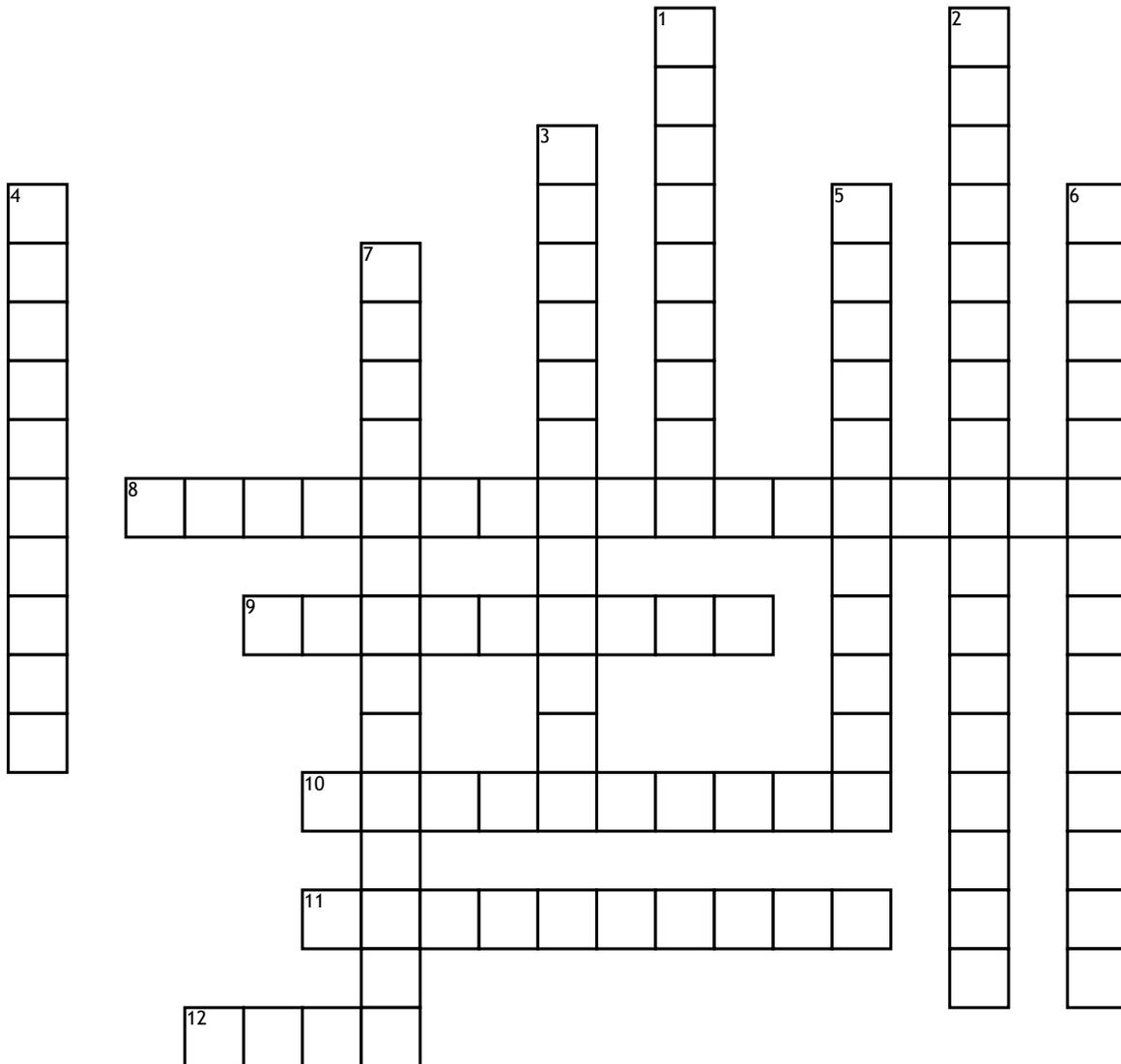


Name: _____

Date: _____

Waves



Across

8. wave speed (m/s) = frequency (Hz) X wavelength (m)
9. How many wave peaks pass a certain point per second
10. When a wave strikes an object or surface and bounces off.
11. Distance between two consecutive crests or troughs
12. Rhythmic disturbance traveling through a medium by which energy is transferred from one particle of the medium to another

Down

1. How high a wave rises or how low a wave falls below the normal level
2. a wave in which matter moves back and forth in the direction the wave is moving
3. the combination of two or more waves that results in a single wave
4. The bending of a wave as it passes at an angle from one medium to another

5. Bending waves around barriers (this occurs to a greater degree with longer waves such as sound)
6. A wave that requires a medium through which to travel
7. A wave with vibration at right angles to the direction the wave is traveling., A wave that moves the medium in a direction perpendicular to the direction in which the wave travels