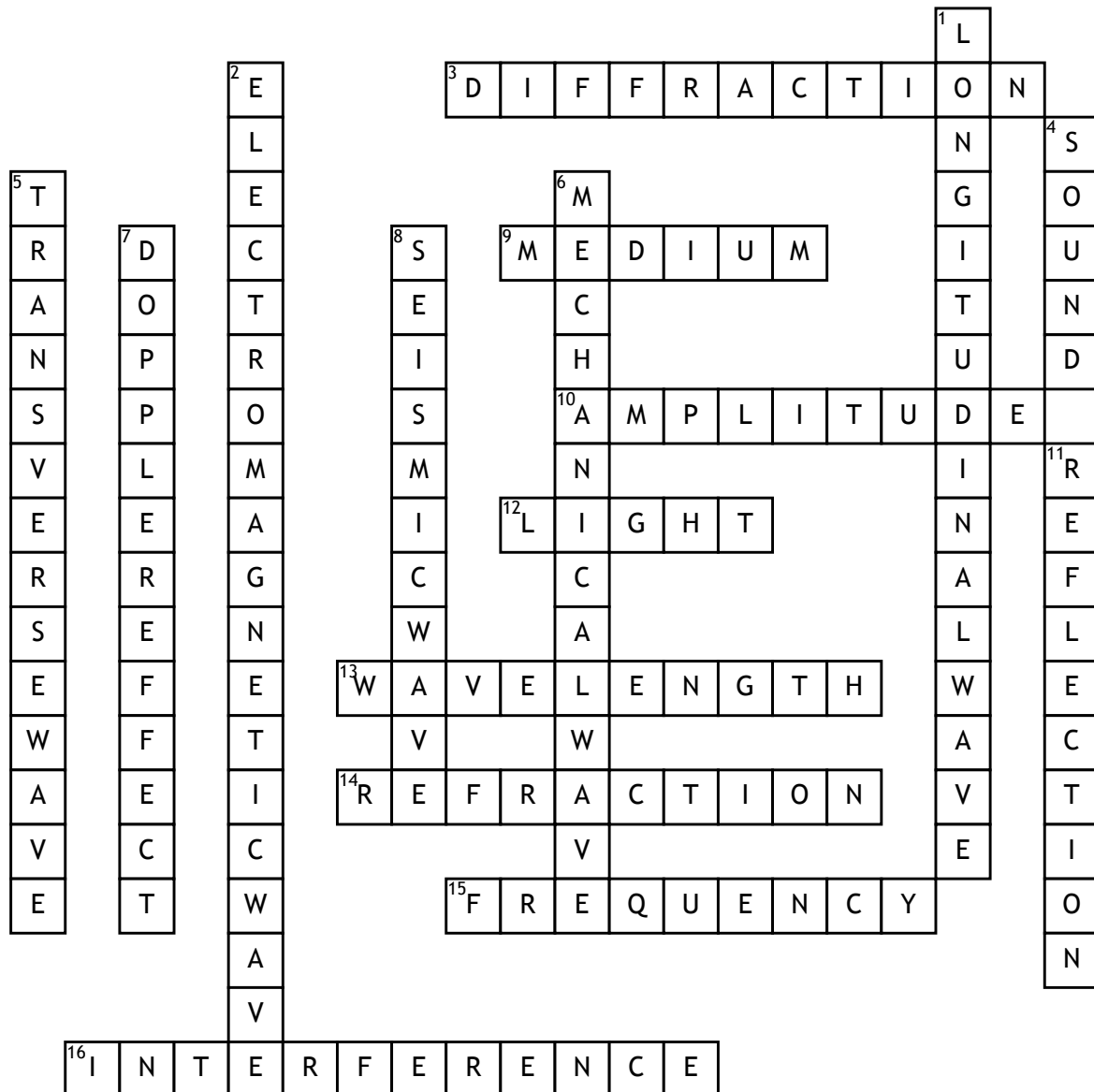


Name: _____

Date: _____

Waves vocabulary



Across

3. Bending of a wave as it moves around an obstacle or passes through a narrow opening

9. Physical environment in which phenomena occur

10. Maximum distance that particles of a wave's medium vibrate from their rest position

12. Electromagnetic radiation that lies within the visible range

13. Distance from any point on a wave to an identical point on the next wave

14. Bending of a wave as it passes at an angle from one medium to another

15. Number of wavelengths that pass a given point in one second; measured in Hz

16. Combination of two waves that results in one wave

Down

1. Wave in which particles of the medium vibrate parallel to the direction of the wave motion

2. Transverse waves that transfer electrical and magnetic energy and doesn't require a medium

4. Disturbance that travels through a medium as a longitudinal wave

5. Wave where particles of the medium moves perpendicularly to the direction the wave is traveling

6. Wave that requires a medium through which to travel

7. Observed change in the frequency (pitch) of a wave when the source or observer is moving

8. Vibrations that travel through Earth carrying the energy released during an earthquake

11. Bouncing back of a wave when it hits a surface through which it can't pass