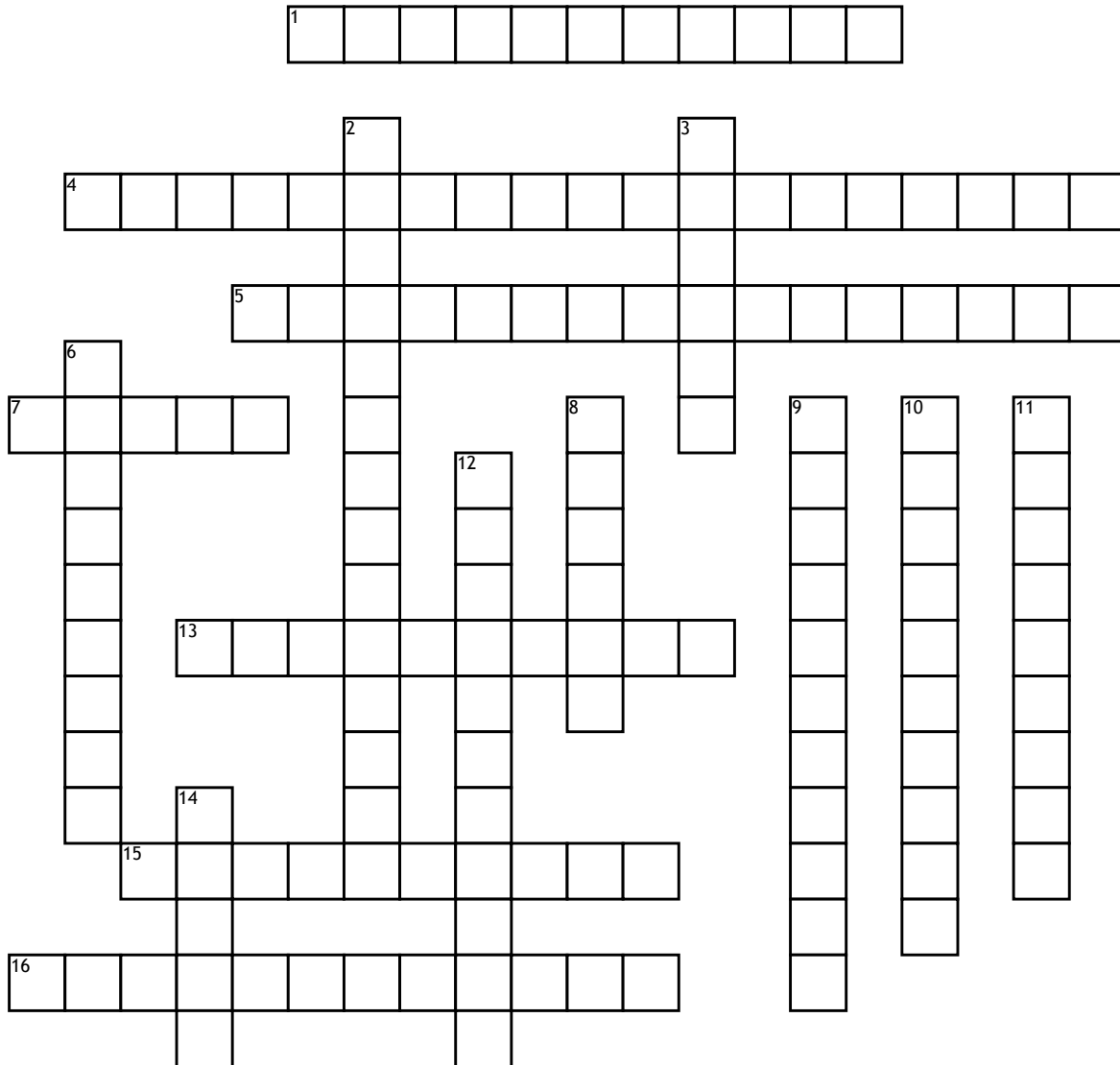


Name: _____

Date: _____

waves



Across

- 1. longitudinal wave is traveling that has its max. density
- 4. a wave produced by the acceleration of an electric charge and propagated by the periodic variation of intensities of perpendicular electric and magnetic fields
- 5. wave motion in the direction of energy
- 7. highest point on a wave
- 13. distance between one point of a wave to another

15. bounces off

16. no movement in a wave

Down

- 2. wave motion is perpendicular
- 3. the time it takes for a wave to make a complete cycle
- 6. number of waves that pass a fixed point in unit time
- 8. medium to lowest point of a wave
- 9. / change in direction of waves as they pass through an opening or around a barrier in their path

10. the change in direction of a wave passing from one medium to another

11. indicates the movement of a wave

12. longitudinal wave is traveling that has the min. density

14. unit of frequency