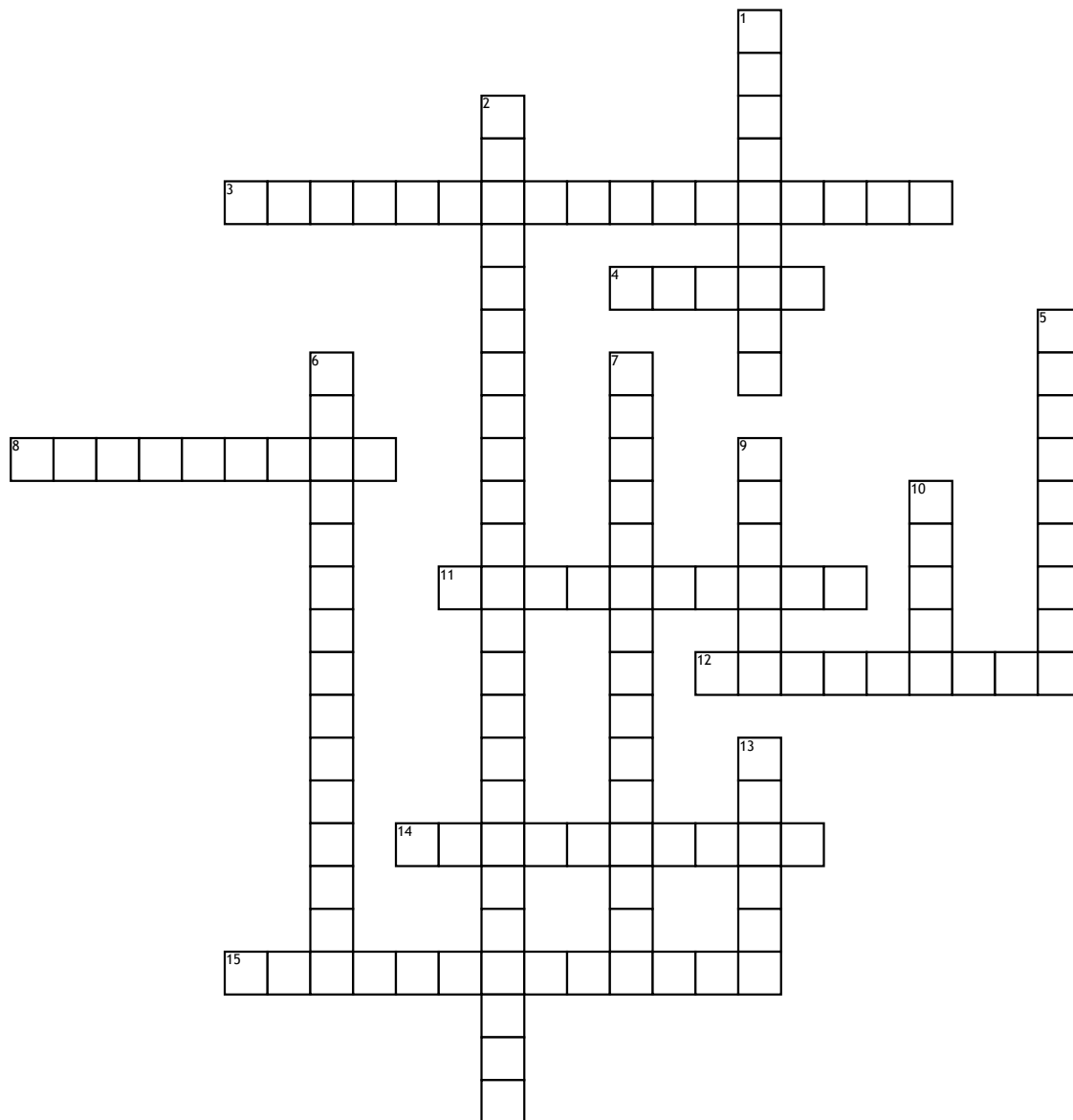


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Chapter 4



## Across

3. Electromagnetic radiation that has a wavelength longer than the red end of the visible spectrum

4. a type of shorter wavelength microwave

8. The number of repetitive motions, or vibrations that occur in a given time

11. the visible effect when light strikes an object and bounces off

12. The height of a wave crest or depth of a wave trough

14. the type of electromagnetic wave that has a wavelength longer than about 1mm

15. Energy carried by electromagnetic waves

## Down

1. Electromagnetic Radiation having the highest energy and frequency and shortest waves in the electromagnetic spectrum

2. The transmission of energy in the form of waves or rays

5. a type of radio wave that has the shortest wavelength of radiowaves

6. Hz

7. A wave in which matter in the medium moves back and forth the same direction the wave travels

9. A matter in which a wave travels

10. The form of electromagnetic energy we can see

13. The capacity of applying a force