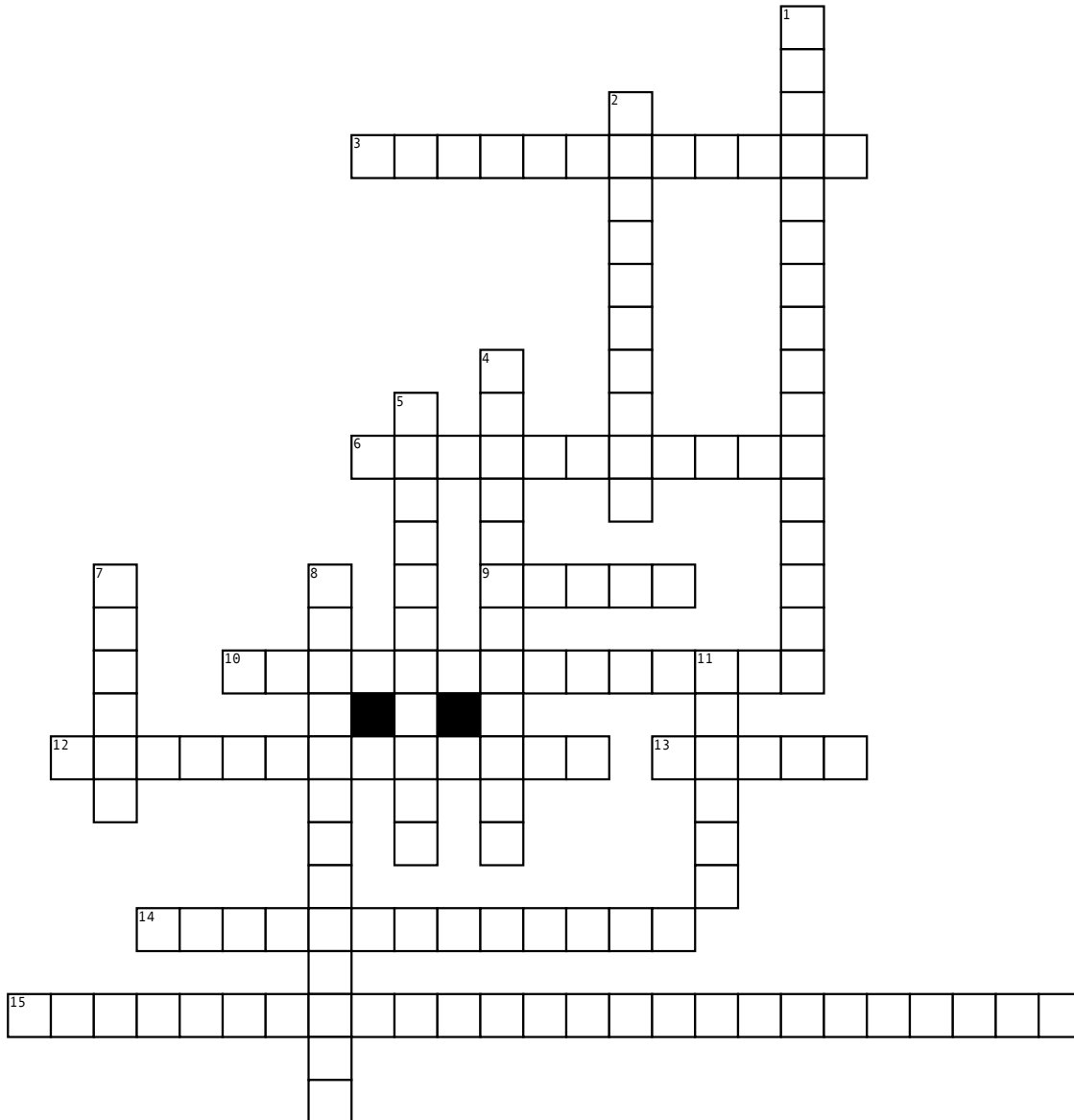


Name: _____

Date: _____

chp. 4-5



Across

3. you can see that your image appears to be the same distance behind the mirror as you are in front of what is this?

6. Some materials will transmit light, which means that light can get through the material without being completely absorbed

9. are a type of electromagnetic radiation that have much shorter wavelength and higher energy

10. is a mirror that curves inward

12. are lenses that are thinner in the middle than at the edges

13. shorter wavelength microwaves are used in a remote sensing, such as a

14. are a type of electromagnetic radiation that, relative to light, has a longer wavelength and lower energy and frequency.

15. water waves can be used to represent how light moves through space

Down

1. Just the violet end of the visible region of the electromagnetic spectrum are the blank waves

2. have the shortest wavelength and the highest frequency of all the radio waves

4. are lenses that are thicker in the middle than at the edges

5. A ray diagram can show the difference between a transparent material and a

7. For example when you walk away from the sun during sunset, your

8. is a mirror that curves outward

11. an material prevents any light from passing through it