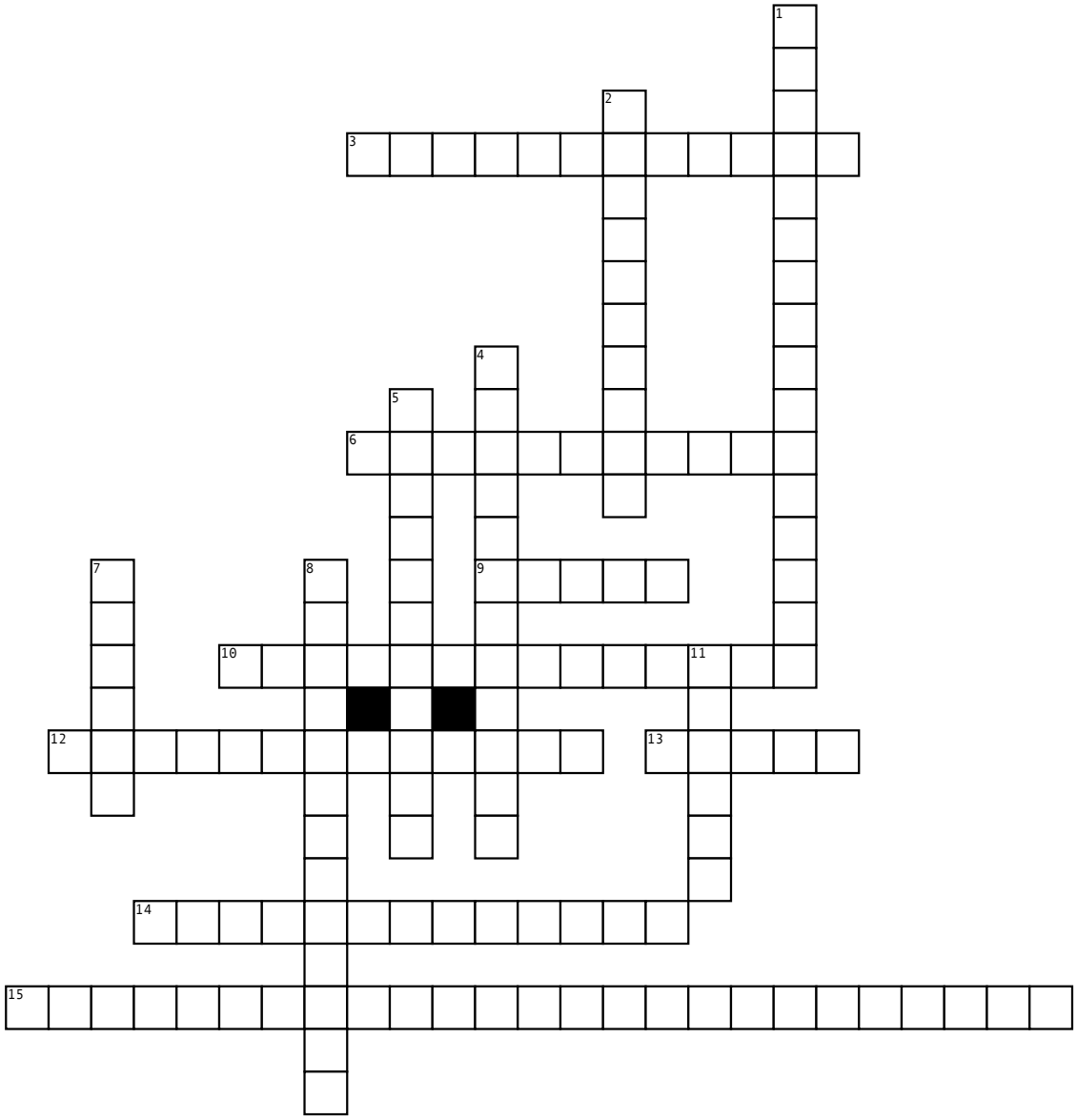
Name: _____ Date: _____

chp. 4-5



Across

3. you can see that your image apears to be the same distance behind the mirror as you are infront waht is this?

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

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

10. is a mirror that curves in ward

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

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 reperstent 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 edge

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

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

8. is a mirror that curves outwards

11. an material prevents any light from passing through it