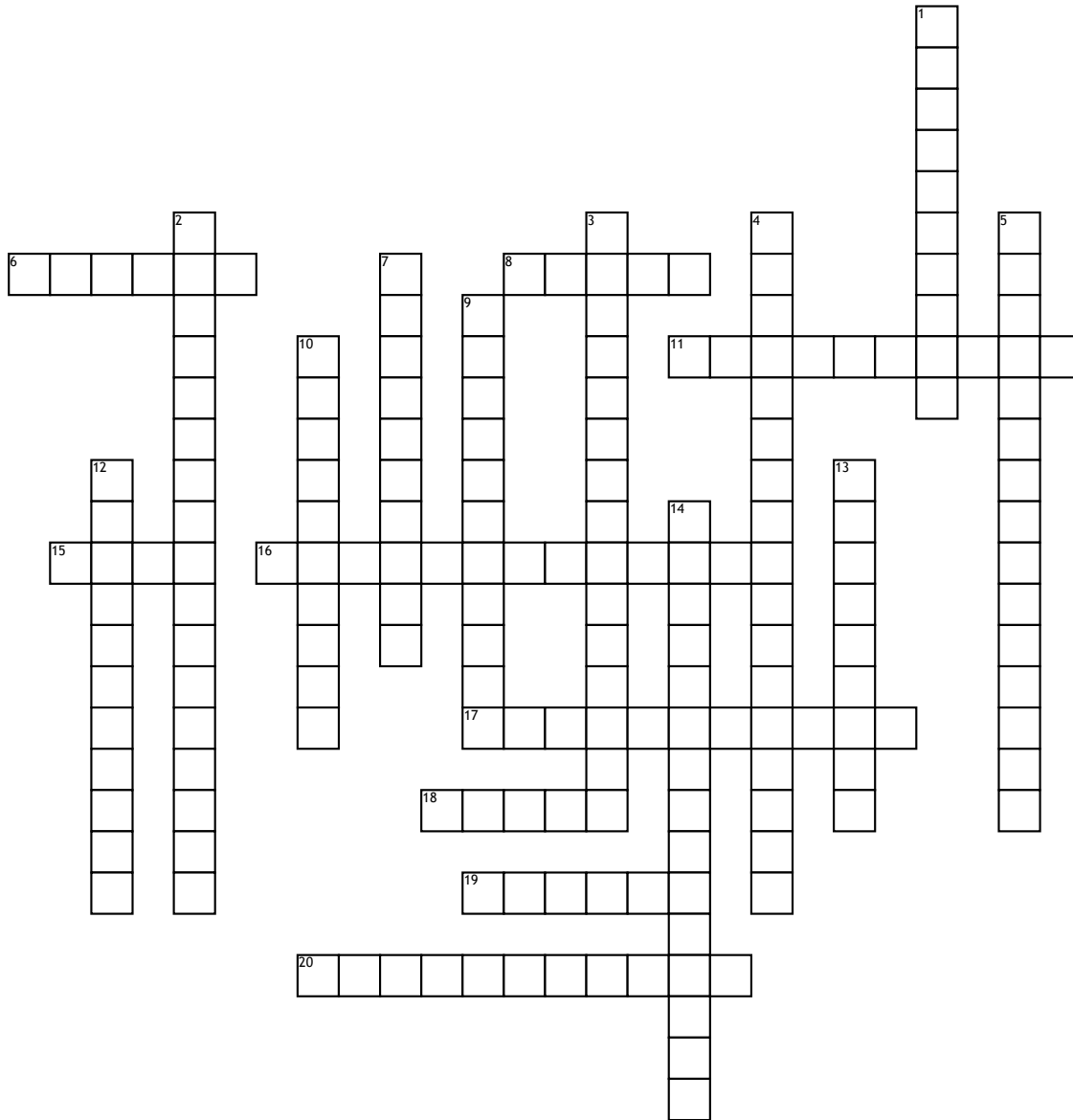


Name: _____

Date: _____

Physics Crossword



Across

6. the middle point of a curved mirror
8. a transparent glass or plastic object with flat, polished sides.
11. the bending of light rays as they pass between two different media.
15. a disturbance that transfers energy from one point to another without transferring matter.
16. any technology that uses light.
17. materials that transmit some light, but not enough to see through the material clearly.
18. reproduction of an object produced by an optical device like a mirror.

19. objects that absorb and reflect light, but they do not transmit it
20. the distance from the vertex to the focal point of a curved mirror.

Down

1. the distance from one place in a wave to the next similar place on the wave; for example, the difference from crest to crest.
2. light rays strike a smooth surface and reflect in the same direction, staying parallel to one another.
3. the ability of a plant or animal to produce light.
4. when light rays reflect off a rough or uneven surface, they do not remain parallel but are scattered in different directions.

5. When the light reflects off a surface, the angle of incidence is always equal to the angle of reflection.
7. the refraction of white light into separate wavelengths, or colors.
9. materials that transmit light freely. They absorb and reflect very little light.
10. the point where the light rays meet, or appear to meet.
12. Any mirror that has a flat reflective surface
13. the rate of repetition of a wave.
14. the range of different colors of light.