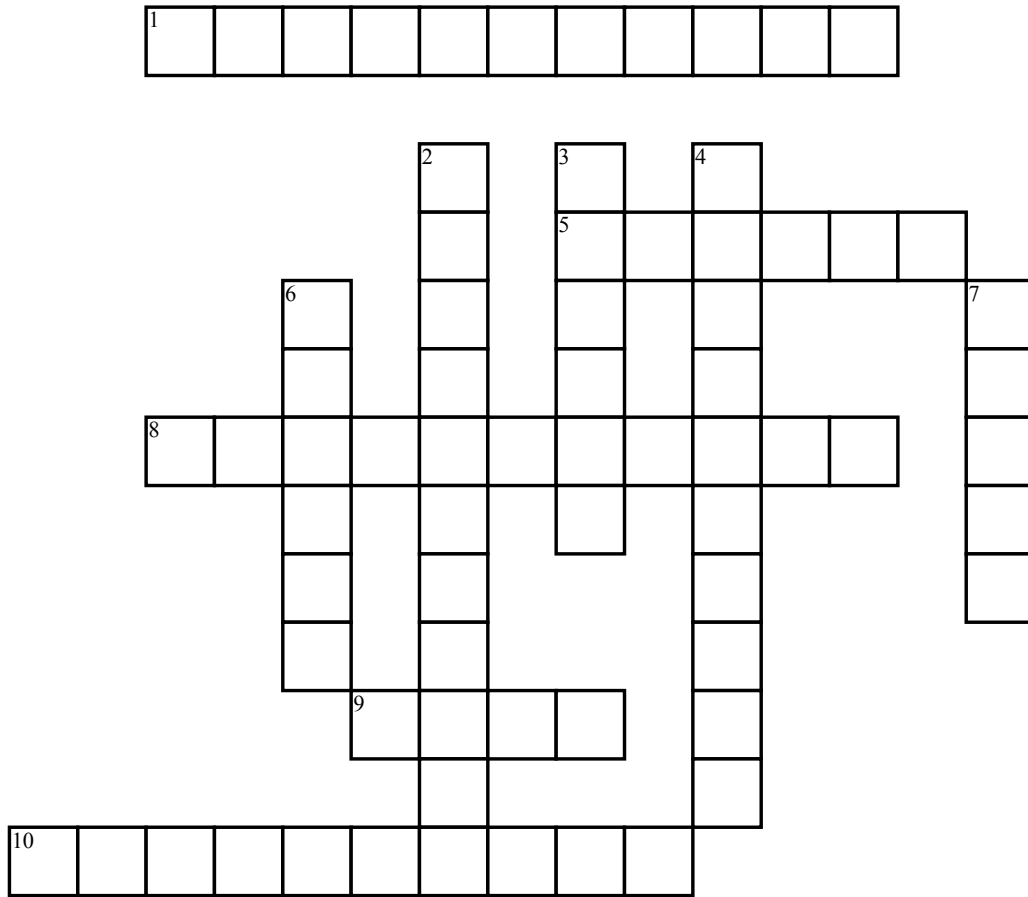


Name: _____

vocabulary#6



Across

1. a type of radiant energy that travels outwardly in straight lines and can travel through empty space
5. the ability to do work or move something
8. letting some light through; objects cannot clearly be seen through a translucent object (lampshade)
9. a tool that is used to change the direction of light is traveling in order to make objects appear closer, smaller, and farther away (telescope makes objects appear closer, microscope makes objects appear larger, door peep hole makes objects appear smaller or farther away)
10. when light goes through a substance and travels in a new direction (lenses refract light)

Down

2. a clear object that lets all light through it (glass)
3. a substance that makes possible the transfer of energy from one location to another, especially through waves (when light passes through a new medium, it can change directions or refract)
4. a bouncing of light off a surface, such as a mirror
6. not letting light through (brick)
7. use to disperse white light and break it up into a spectrum of color (light refracts when it travels through a prism)

Word Bank

prism	reflection	lens	translucent	transparent
refraction	energy	medium	opaque	light energy