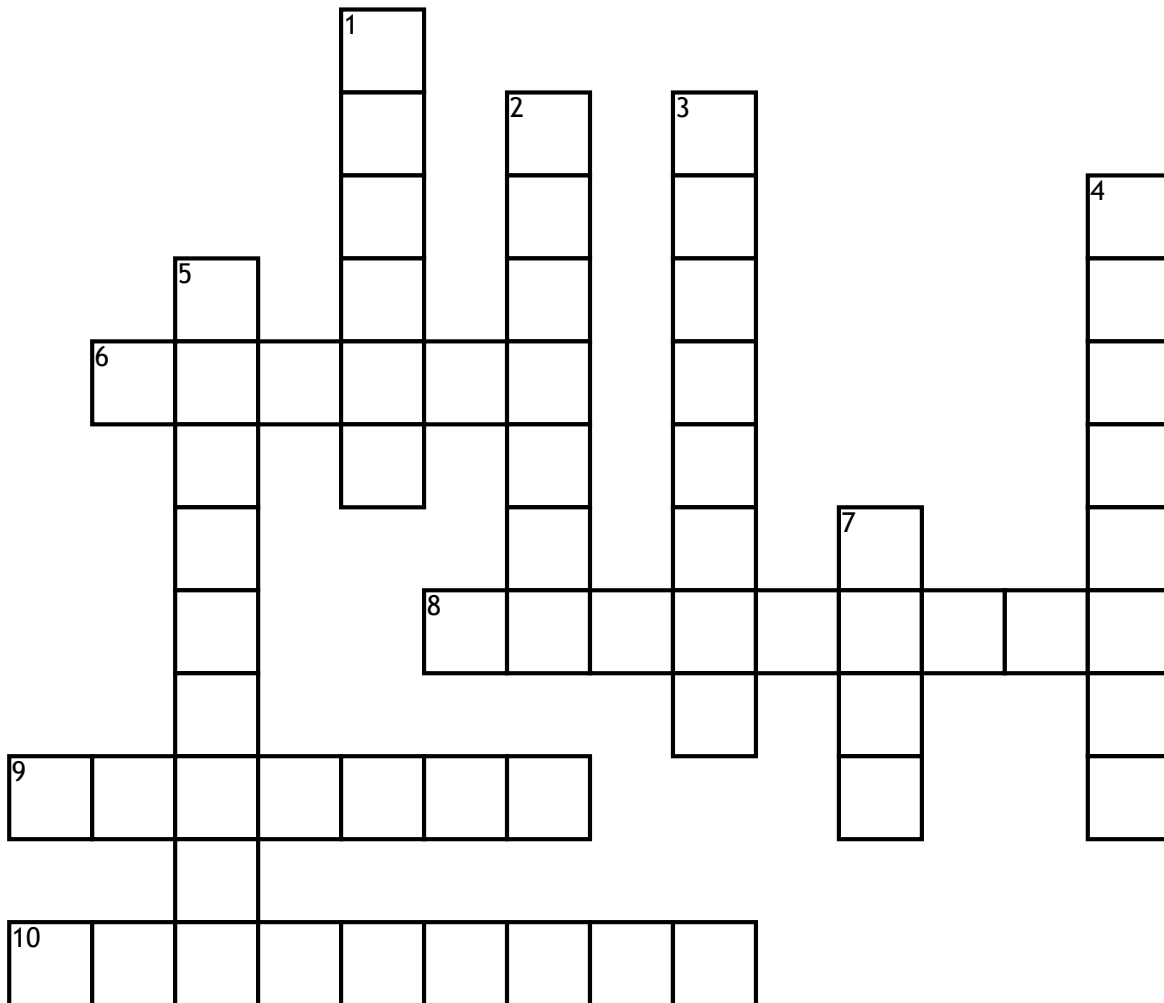


Name: \_\_\_\_\_

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

# physics vocabulary



## Across

6. a body's relative mass or the quantity of matter contained by it, giving rise to a downward force; the heaviness of a person or thing.

8. a substance or device that does not readily conduct electricity.

9. the degree of consistency measured by the quantity of mass per unit volume

10. the rate at which a vibration occurs that constitutes a wave, usually measured per second.

## Down

1. the property of matter and radiation that is manifest as a capacity to perform work

2. a subatomic particle of about the same mass as a proton but without an electric charge

3. a band of colors, as seen in a rainbow, produced by separation of the components of light by their different degrees of refraction according to wavelength.

4. It having a wavelength just greater than that of the red end of the visible light spectrum but less than that of microwaves. Infrared radiation has a wavelength from about 800 nm to 1 mm.

5. the condition in which an object or system is subjected to an oscillating force having a frequency close to its own natural frequency.

7. the quantity of matter that a body contains, as measured by its acceleration under a given force or by the force exerted on it by a gravitational field.