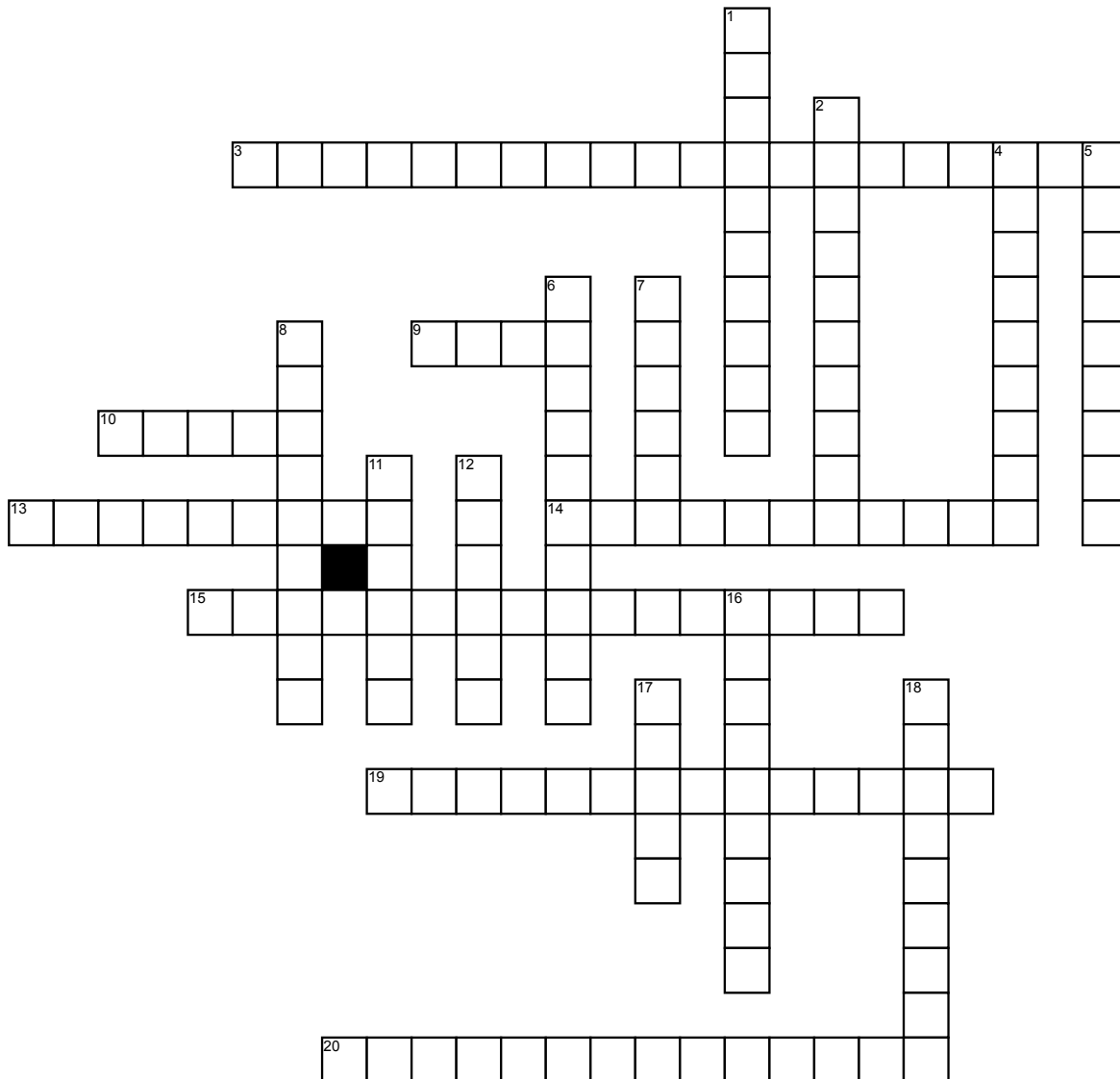


Name: \_\_\_\_\_

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

# WAVES



## **Across**

**3.** Disturbances in electric and magnetic waves.

**9.** the repeating and periodic disturbance that moves through a medium from one location to another

**10.** a unit of motion that repeats; measures properties of vibrations

**13.** max amount of displacement from equilibrium

**14.** area that is squeezed together

**15.** type of wave where disturbance is parallel to the direction of the motion of the wave (no net motion)

**19.** a wave with vibrations perpendicular to the direction the wave is traveling

**20.** Waves that require a medium.

## **Down**

**1.** the minimum distance between two points which are in a phase

**2.** Electromagnetic and transverse waves

**4.** back and forth motion in time

**5.** A pressure variation transmitted through matter as a longitudinal wave;

**6.** wave passes through a material and bends

**7.** a substance or material that carries the wave

**8.** the number of complete cycles occurring per period of time

**11.** the time for one full cycle to be completed

**12.** the lowest point of a wave

**16.** frequency times the wavelength

**17.** the highest point on a wave

**18.** a single disturbance that travels through a medium