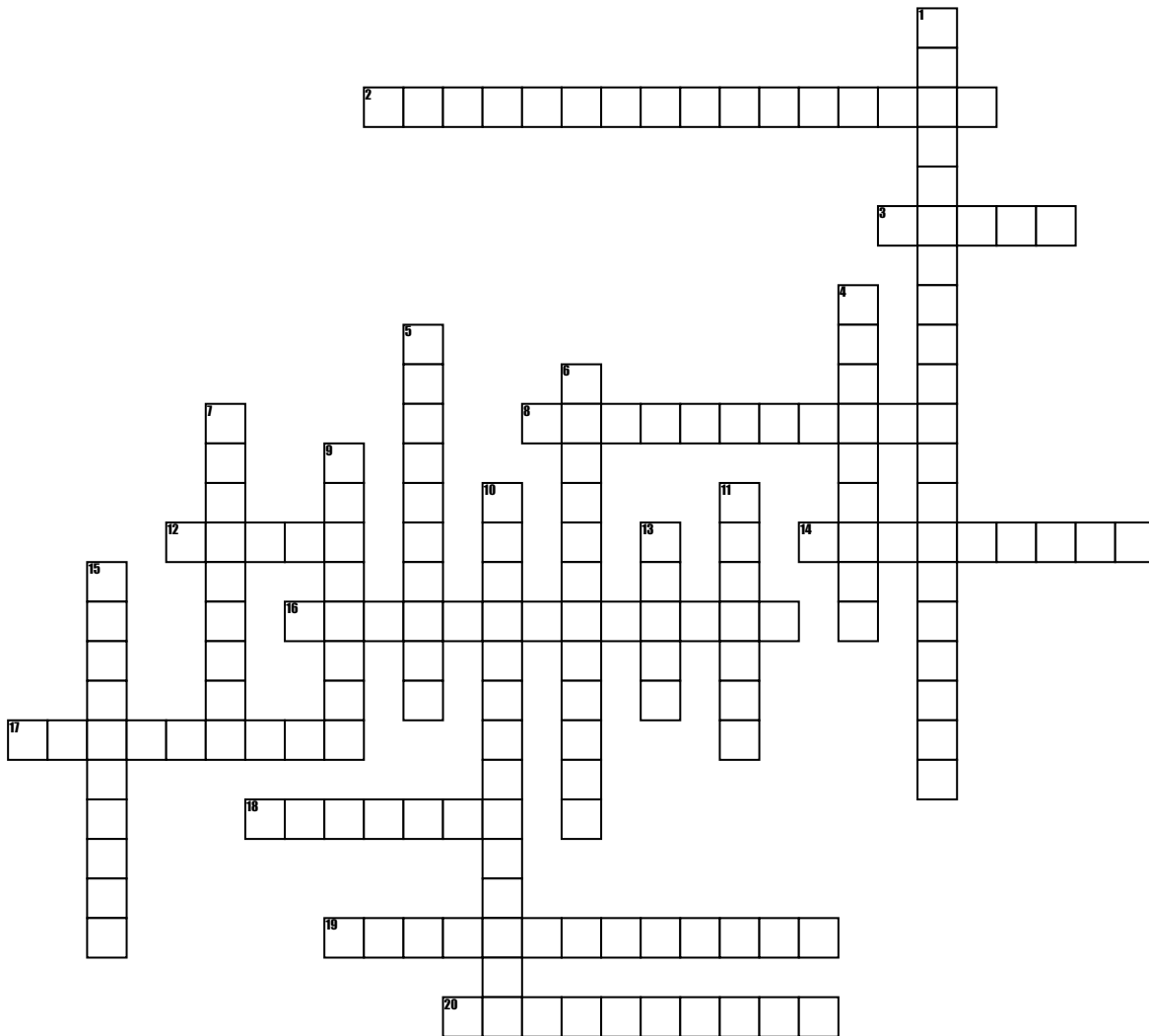


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# EM WAVES



## **Across**

**2.** wave that causes sunburn and skin cancer

**3.** wave that allows us to see bones

**8.** Waves change direction when they face an obstacle

**12.** a tool that uses refraction to speed out the wavelengths that make up white light

**14.** energy that moves in the form of an EM Wave

**16.** the energy carried by an EM Wave is called ?

**17.** Number of waves that pass a certain point in a second

**18.** particles of radiant energy

**19.** wave that is used in remote controls

**20.** The bending of light as it travels from one medium to another

## **Down**

**1.** waves that are created as a result of vibrations between an electric and magnetic field

**4.** EM Wave with lowest frequency rate

**5.** the disappearance of an EM Wave through a medium

**6.** the wave of rainbows

**7.** second lowest frequency wave

**9.** EM Wave with the highest frequency rate

**10.** what type of wave is an EM wave?

**11.** acronym for the visible light colors

**13.** the wavelength is the measurement from one \_\_\_\_\_ to another.

**15.** The change in direction of an electromagnetic wave at a surface that causes it to move away from the surface.