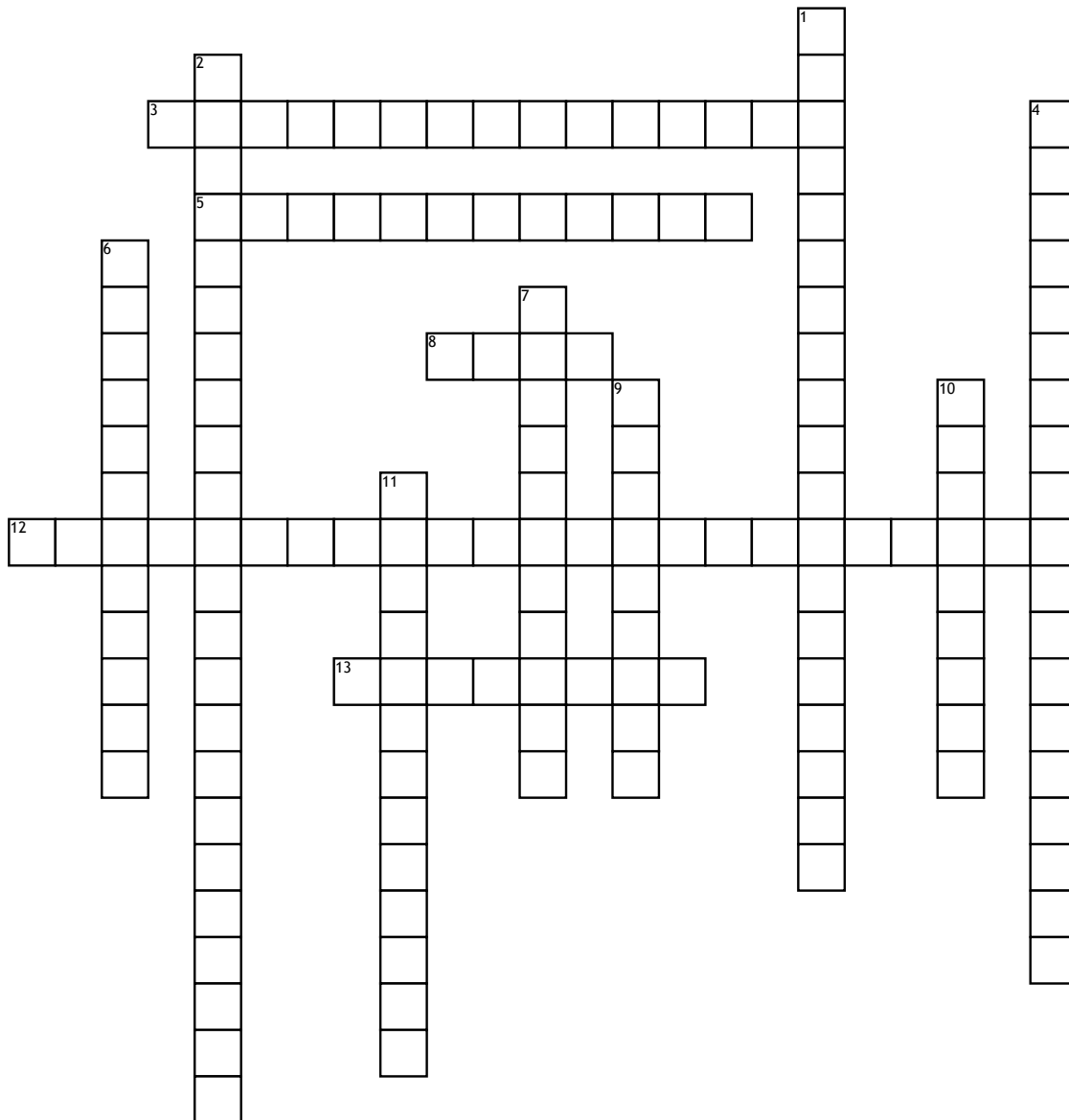


Name: _____ Date: _____ Period: _____

Science Crossword



Across

3. is an electromagnetic wave that has a slightly shorter wavelength and higher frequency than light and carries enough energy to cause chemical reactions
5. is the use of electromagnetic waves to send information in all directions
8. a high-energy electromagnetic wave that has a slightly shorter wavelength and higher frequency than an ultraviolet wave
12. is the entire range of electromagnetic waves with different frequencies and wavelengths

13. is a high-energy electromagnetic wave with a shorter wavelength and higher-frequency than all other types of electromagnetic waves.

Down

1. a wave that can travel through empty space and through matter
2. is a worldwide navigation system that uses satellite signals to determine a receiver's location
4. is a charge in the amplitude of a carrier wave
6. is an electromagnetic wave that has a wavelength shorter than a microwave but longer than light

7. an electromagnetic wave that a radio or television station uses to carry its sound or image signals
9. a low-frequency, low energy electromagnetic wave that has a wavelength longer than about 30cm
10. is a low-frequency, low-energy electromagnetic wave that has a wavelength between about 1 mm and 30 cm
11. energy carried by an electromagnetic wave