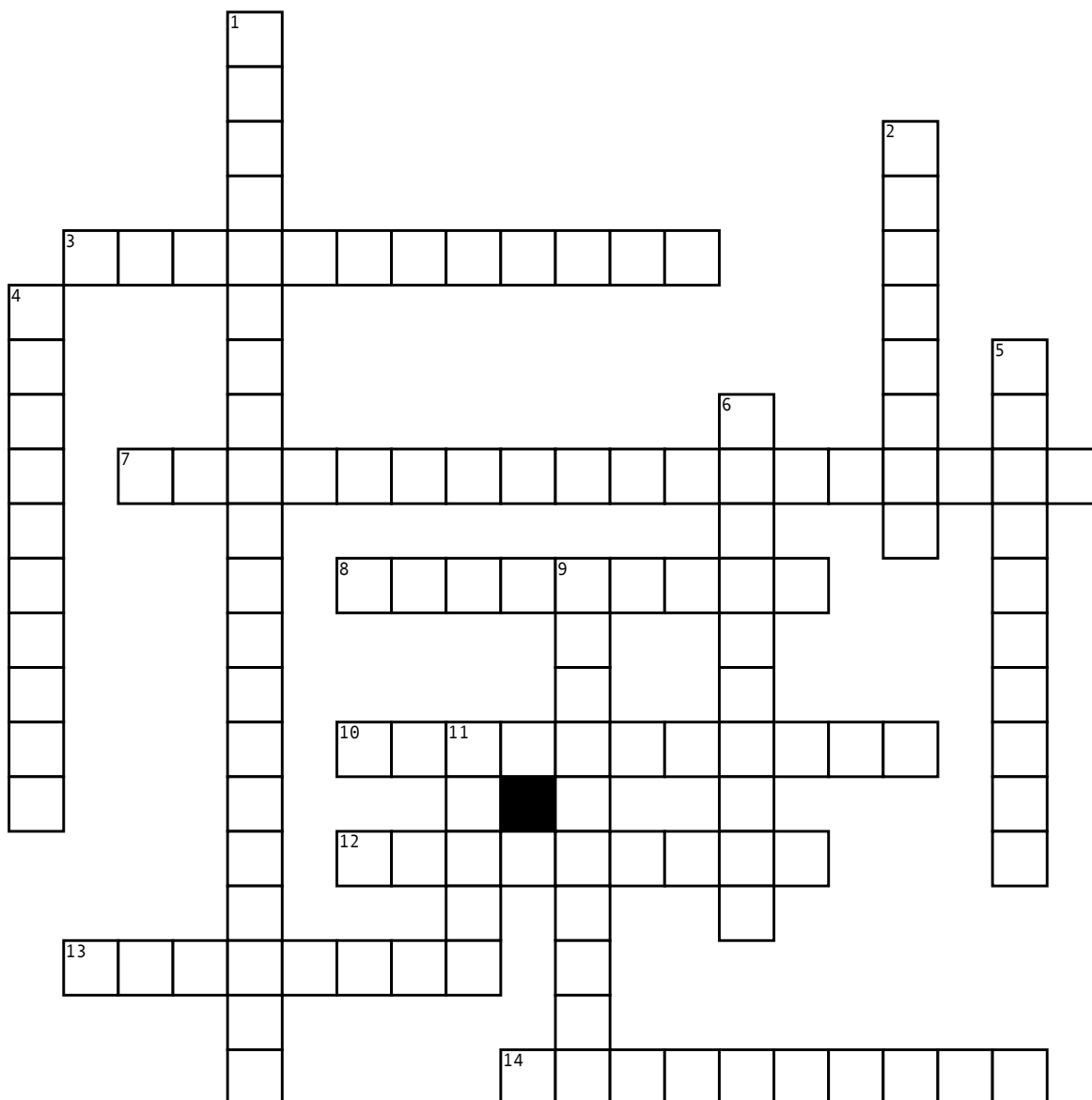


Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

# Layers of the Atmosphere



## Across

3. this layer contains ozone, which is a special layer of oxygen molecules and absorb harmful rays of sun
7. a gas that was once commonly used in various products (such as aerosols) but that is believed to cause damage to the ozone layer in the Earth's atmosphere
8. the process in which energy is emitted as particles or waves
10. this is the layer closest to the ground where we live and this is where weather takes place
12. its made of light gases and the molecules are spaced farther and farther apart until they don't exist

13. elevation above sea level or above earth's surface

14. there is no ozone in this layer and its very cold

## Down

1. Electromagnetic radiation that has a wavelength between that of visible light and that of X-rays
2. is a measure of the force applied over a unit area
4. is the movement of something such as heat or electricity through a medium or passage
5. the region of the stratosphere with the highest concentration of ozone molecules, which by absorbing high-energy solar ultraviolet radiation protects organisms on earth

6. A region of the earth's atmosphere where ionization caused by incoming solar radiation affects the transmission of radio waves. It extends from a height of 70 kilometers (43 miles) to 400 kilometers (250 miles) above the surface

9. the layer above the earth and is made of many gases, including oxygen and nitrogen

11. colorless gas (O<sub>3</sub>) soluble in alkalis and cold water; a strong oxidizing agent; can be produced by electric discharge in oxygen or by the action of ultraviolet radiation on oxygen in the stratosphere