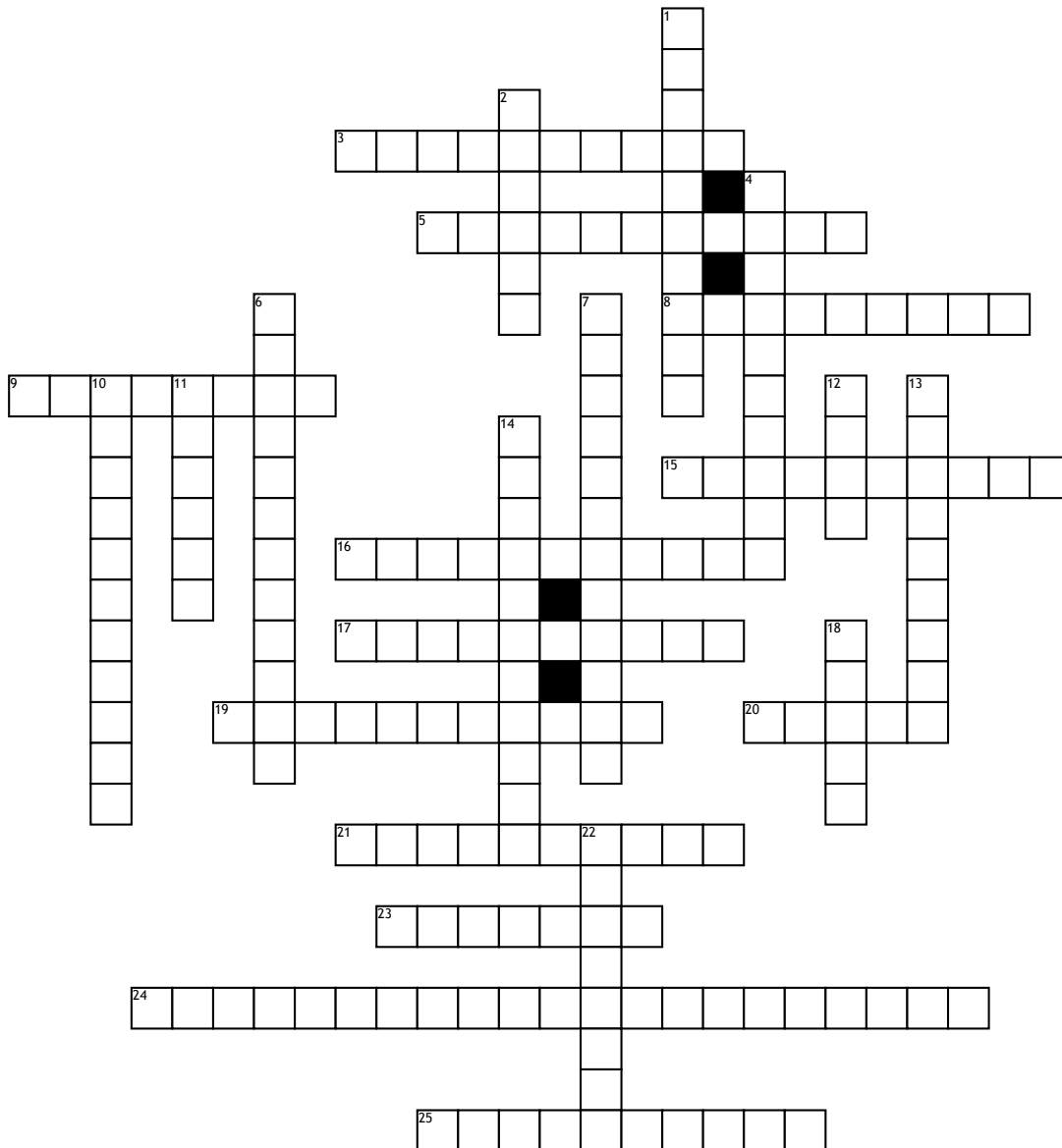


Name: \_\_\_\_\_

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

# Atmosphere Crossword Puzzle



## Across

3. the transfer of thermal energy from one material to another by direct contact.  
 5. The layer is the densest layer of the atmosphere.  
 8. The fifth layer of the atmosphere.  
 9. This gas makes up 78% of the Earth's atmosphere.  
 15. Water vapor and CO<sub>2</sub> is known as this type of gas  
 16. The measure of the force with which air molecules push on a surface.  
 17. This layer tends to break up meteors so the do not hit the Earth's surface.  
 19. The first layer of the atmosphere where weather occurs.  
 20. The prefix -litho means

21. Located in the stratosphere, this protects us from ultraviolet radiation.

23. The force that holds our atmosphere together.

24. Found in sunlight and much of it is blocked by the Earth's ozone layer.

25. The transfer of thermal energy by circulation or movement of a liquid or gas.

## Down

1. A layer of gases that surrounds a planet.

2. A natural light display in the sky caused by the collision of energetic charged particles with atoms in the high altitude atmosphere.

4. This is the coldest layer of the atmosphere.

6. This layer is the hottest layer of the atmosphere.

7. The second layer of the atmosphere.

10. This often rises and falls throughout the different layers of the atmosphere.

11. The second most common gas in the Earth's atmosphere.

12. These electrically charged atoms reflect radio waves at the bottom of the thermosphere.

13. all living things are located in this sphere.

14. All the water on earth is located in this sphere.

18. A molecule made up of three oxygen atoms.

22. The height of an object above the Earth's surface.