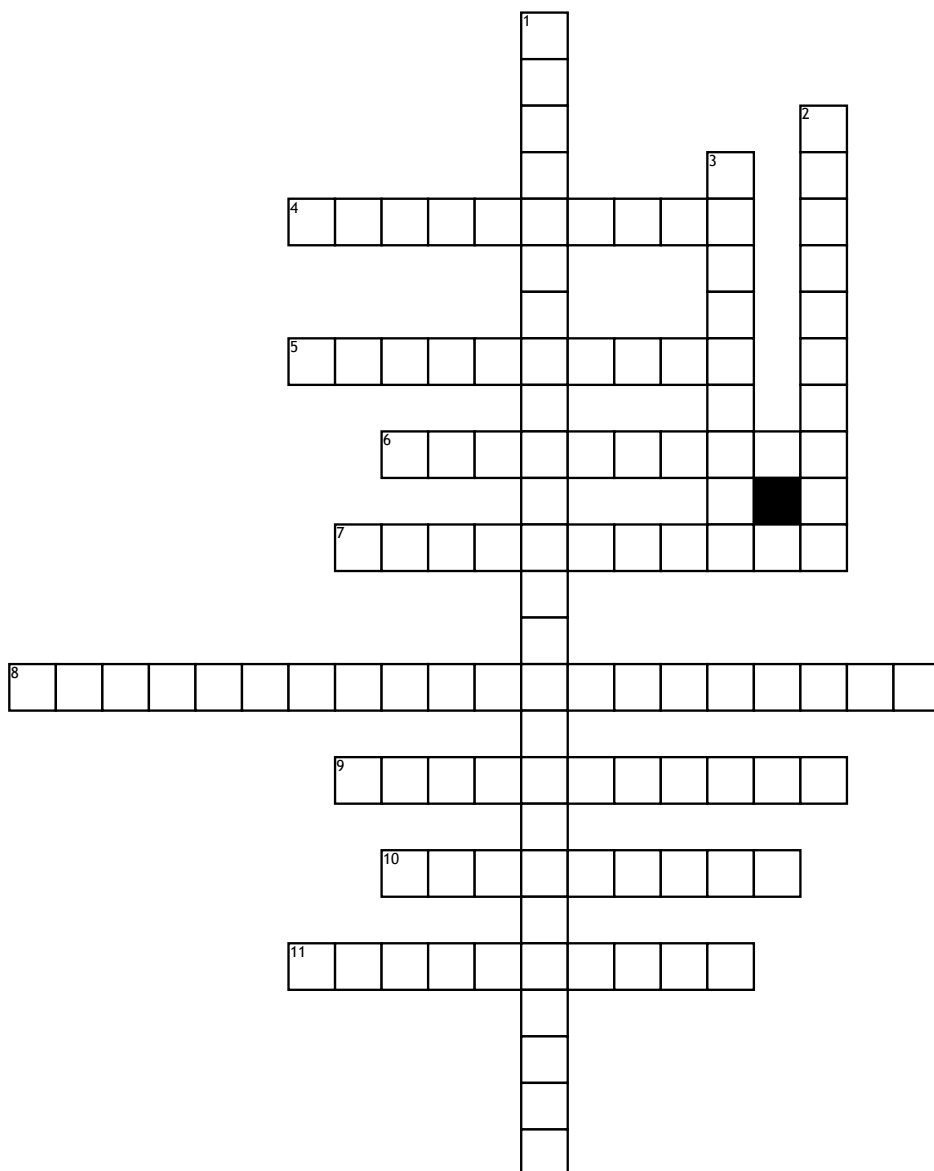


Name: _____ Date: _____ Period: _____

Layers of the Atmosphere Crossword Puzzle



Across

4. the movement of air from land to sea at night, created when cooler, denser air from the land forces up warmer air over the sea

5. layer of the stratosphere with a high concentration of ozone ; absorbs most of the Sun's harmful ultraviolet radiation

6. layer of electrically charged particles in the thermosphere that absorbs AM radio waves during the day and reflects back at night

7. layer of the Earth's atmosphere that is closest to the ground, contains 99% of the water vapor and 75% of the atmospheric gases and is where clouds and weather occur

8. a type of energy that comes to Earth from the Sun, can damage skin and cause cancer, and is mostly absorbed by the ozone layer

9. all the water on Earth's surface

10. narrow belt of strong winds that blows near the top of the troposphere

11. the transfer of energy that occurs when molecules bump into each other

Down

1. group of chemical compounds used in air conditioners, refrigerators, foam packaging, an aerosol sprays that may enter the atmosphere and destroy the ozone layer

2. Earth's air, which is made up of a thin layer of gases, solids, and liquids forms a protective layer around the planet and is divided into five distinct layers

3. the movement of air from sea to land during the day when cooler air from above the land to rise