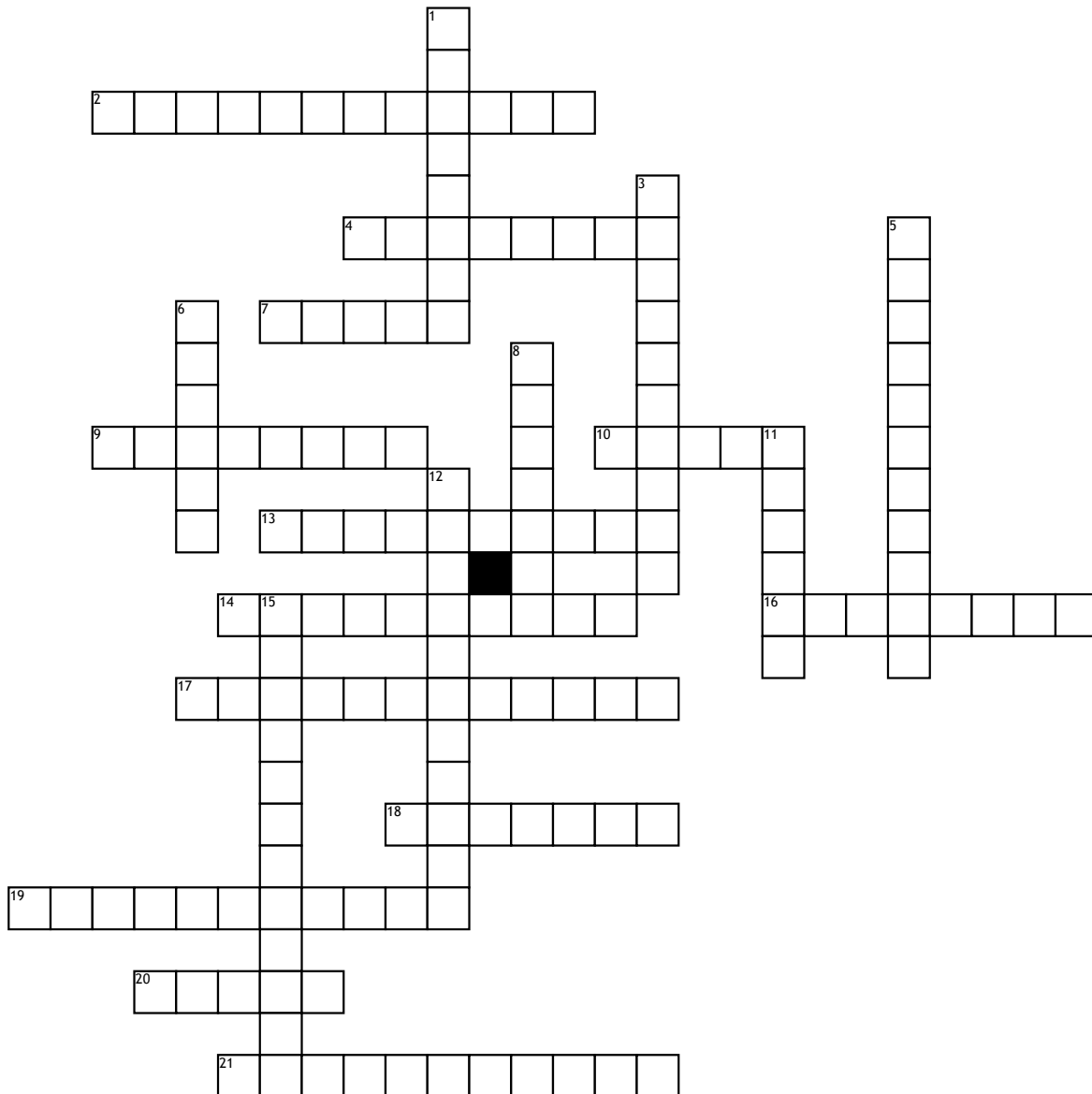


Name: _____

Date: _____

Atmosphere Characteristics



Across

2. temperatures increase in this layer because the ozone is concentrated here
4. June 21 is the summer _____
7. the ozone is made up of oxygen molecules that contains 3 _____
9. the equinox that occurs on September 22
10. the atmosphere _____ as you travel away from Earth
13. _____ is the source of all clouds and precipitation
14. the _____ has existed 4.6 billion years

16. the 2 major components that make up our atmosphere are oxygen and _____

17. the region of the atmosphere above the mesosphere
18. the state of the atmosphere at a certain time and place
19. bottom layer of atmosphere where temperature decreases with an increase in altitude
20. air is a mixture of particles and different _____
21. the atmosphere can be divided vertically into four layers based on _____

Down

1. emissions from _____ account for nearly half the primary pollutants by weight
3. third layer of the atmosphere
5. on Earth the lower you go the higher the _____
6. the _____ solstice occurs on December 21 in the Northern Hemisphere
8. based on observations of weather that have been collected over years
11. the equinox that occurs on March 21
12. the bottom layer of the atmosphere
15. thin layer in the atmosphere