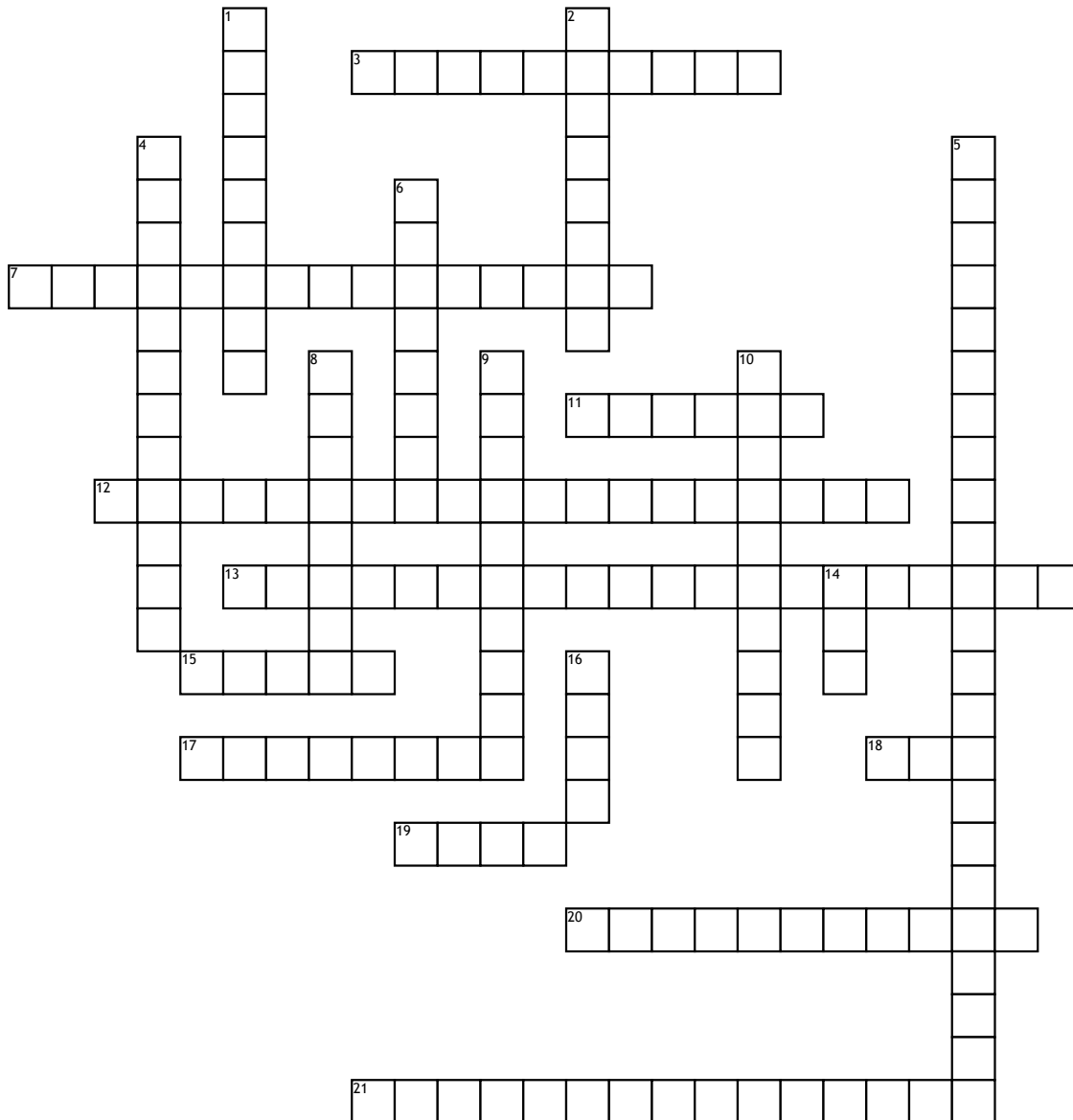


Name: \_\_\_\_\_

# The Ozone



## Across

3. What are areas of damage done to the Ozone called?

7. Agreed to phase down the usage of HCFS. Starts with a K.

11. The ozone is this many KM above the earth's surface.

12. What does CFS stand for?

13. The distribution of ozone relies on the \_\_\_\_\_.

15. Ozone layer damage is like a thin patch, with the thinnest areas near the \_\_\_\_\_.

17. CFCs is a molecule which contains carbon, chlorine, and \_\_\_\_\_.

18. If you do this, it will help protect the Ozone Layer: Maintain air conditioners, as their malfunctions cause \_\_\_\_\_ to escape into the atmosphere.

19. Ozone work wins a Nobel Prize during this year.

20. Ozone is measured by \_\_\_\_\_ that are carried in balloons, satellites, and aircraft.)

21. What are two words that start with P that CFS are found in?

## Down

1. The ozone layer forms a barrier between earth and ultraviolet \_\_\_\_\_ from the sun.

2. CFS breaks down into substances that include \_\_\_\_\_ when exposed to ultraviolet rays in the atmosphere

4. Layer of the Earth's Atmosphere which contains the Ozone Layer.

5. What were around 90% of the CFS in the atmosphere emitted by?

6. Place where they banned ozone-depleting substances, starts with an M

8. What is the layer made of gas on the Earth's surface that is protecting us from ultra-violet radiation coming from the Sun?

9. The total ozone column at any location on the globe is defined as the sum of all the ozone in the \_\_\_\_\_ directly above that location

10. The Montreal Protocol prevented more than \_\_\_\_\_ tonnes of carbon dioxide equivalent emissions from reaching Earth's atmosphere.

14. What is the molecule currently affecting the Ozone layer?

16. Scientists believe that Ozone layers will recover in the \_\_\_\_\_'s