

## *Bill Nye: The Atmosphere*

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

1. The ozone layer blocks out \_\_\_\_\_ light.
2. We live in an \_\_\_\_\_ of air.
3. The atmosphere acts as a \_\_\_\_\_ to keep the Earth warm.
4. The lowest and thickest layer of the atmosphere is the \_\_\_\_\_.
5. The lower the pressure, the higher the \_\_\_\_\_.
6. Water boils \_\_\_\_\_ in the mountain.
7. Name the layers of the atmosphere from upper most layer to the bottom layer:
8. Why is it colder in the mountains than in lower elevations?
9. The rate of cooling as you increase in elevation is called the \_\_\_\_\_.
10. This rate of cooling is about \_\_\_\_\_ ° per kilometer.
11. When an atmosphere keeps a planet warm, its called the \_\_\_\_\_.
12. Sunlight and chemicals create \_\_\_\_\_ smog.
13. The \_\_\_\_\_ in coal can cause acid rain when the coal is burned.
14. The troposphere is the part of the atmosphere where we have \_\_\_\_\_.