

## Chapter 16 Review

1. What is weather?
2. Name three ways Earth's atmosphere is important to living things.
3. What are the two most abundant gases in the atmosphere?
4. What percent of air is made up of all other gases?
5. What is water vapor? Name two ways it is important in Earth's weather.
6. What is pollution?
7. From what does most pollution in the atmosphere come?
8. From where does almost half of air pollution caused by human activities come?
9. What are the two sources of particles? Give examples of each.
10. What is photochemical smog? How does it form?
11. What is acid rain? How does it form?
12. Why does air have pressure?
13. What is the formula for density?
14. What is air pressure?
15. What instrument is used to measure air pressure?
16. What are the two types of barometers? Describe each.
17. What are the two units used to measure air pressure?

18. What is the effect of altitude on air pressure?
19. What is the effect of altitude on air density?
20. What is used to classify the atmosphere into layers?
21. What are the four main layers of the atmosphere?
22. Which layer is made up of two smaller layers? What are they?
23. In which layer does weather occur?
24. Which layer contains the ozone layer?
25. What is ozone?
26. What is the “middle layer” of the atmosphere which protects us from meteoroids?
27. Why would a regular thermometer not work in the thermosphere?
28. In which layer of the thermosphere do satellites orbit?
29. In which layer of the thermosphere do auroras occur?