

Name \_\_\_\_\_

## Weather Completion Review Word Bank

Acid rain

Air pollutants

Air pressure

Altitude

Aneroid

Density

Exosphere

Fossil fuels

Ionosphere

Meteoroids

Nitrogen

Oxygen

Ozone

Stratosphere

Temperature

Troposphere

Water

Water vapor

Water vapor

Weather

Mascio

## Weather Chapter 1 Completion Review

### Completion

Complete each statement.

1. The condition of Earth's atmosphere at a particular time and place is known as \_\_\_\_\_.
2. The gas that is found in the greatest amount in the atmosphere is \_\_\_\_\_.
3. The name of the molecule that is made up of three oxygen atoms is \_\_\_\_\_.
4. The atmospheric gas called \_\_\_\_\_ forms clouds when it condenses.
5. Water in the form of a gas is called \_\_\_\_\_.
6. Because air has mass, it exerts a force per unit area called \_\_\_\_\_.
7. The \_\_\_\_\_ of a substance can be calculated by dividing its mass by its volume.
8. A(n) \_\_\_\_\_ barometer measures air pressure by using a metal chamber that is sensitive to pressure changes.
9. The \_\_\_\_\_, or elevation, of a mountaintop is its distance above sea level.
10. On a mountaintop, a person becomes out of breath quickly because fewer \_\_\_\_\_ molecules are present per cubic meter of air.
11. Scientists divide Earth's atmosphere into four main layers, classified according to changes in \_\_\_\_\_.
12. Although it is the shallowest layer, the \_\_\_\_\_ contains almost all of the mass of the atmosphere.

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13. The \_\_\_\_\_ extends from the top of the troposphere to the bottom of the mesosphere.
14. The mesosphere is the layer of the atmosphere that protects Earth's surface from being hit by most \_\_\_\_\_.
15. In the part of the atmosphere called the \_\_\_\_\_, energy from the sun strikes gas molecules and causes them to glow.
16. Satellites orbit in the part of the thermosphere called the \_\_\_\_\_.
17. Harmful particles and gases in the air are known as \_\_\_\_\_.
18. The human activity that causes the most air pollution is the burning of \_\_\_\_\_.
19. One result of air pollution is \_\_\_\_\_, which is precipitation that contains more acid than normal.
20. Acid rain can form when \_\_\_\_\_ in the air mixes with sulfur oxides to form sulfuric acid.