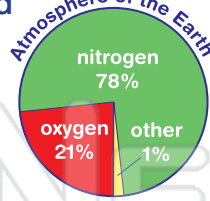




# Earth's Atmosphere

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 The **most abundant gas** in the Earth's **atmosphere** comes from volcanoes and the decay of dead plants and animals. Name the **most abundant gas** in Earth's atmosphere.



6 What is one **benefit** of the **ozone layer** in the stratosphere?

- a. It keeps the Sun's heat away from the Earth.
- b. It makes ultraviolet radiation.
- c. It protects life on Earth's surface from ultraviolet radiation.

2 The force that gases in the atmosphere exert on a surface is called air pressure or **atmospheric pressure**. In our atmosphere, where is the air pressure **greatest**? Circle the answer letter.



7 The \_\_\_\_\_ **radiates energy** in the form of **different colors** which can be seen near the Earth's poles. This light display is called the **aurora borealis** (northern lights) or **aurora australis** (southern lights).

3 A \_\_\_\_\_  
d \_\_\_\_\_  
a \_\_\_\_\_  
k \_\_\_\_\_  
c \_\_\_\_\_  
th is \_\_\_\_\_  
es it move? \_\_\_\_\_  
ace \_\_\_\_\_  
e and \_\_\_\_\_  
se and \_\_\_\_\_



## PREVIEW

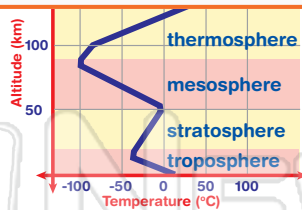
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4 T \_\_\_\_\_  
S \_\_\_\_\_  
C \_\_\_\_\_

thermosphere

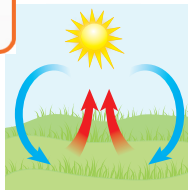
mesosphere

troposphere



atmosphere is **transferred** by **convection**, which is \_\_\_\_\_.

- a. moving currents of air
- b. precipitation falling to earth
- c. evaporation of water into gases



5 **Energy** from the Sun is **transferred** to the Earth as \_\_\_\_\_.

- a. solar wind
- b. electromagnetic radiation
- c. balls of heat



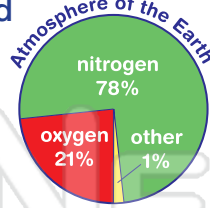
10 The **layer of the atmosphere** in which **we live** contains oxygen, nitrogen, carbon dioxide, water vapor, pollution, and weather. Name this layer.



# Earth's Atmosphere - Answer Key

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

- 1 The **most abundant gas** in the Earth's **atmosphere** comes from volcanoes and the decay of dead plants and animals. Name the **most abundant gas** in Earth's atmosphere.



nitrogen

- 6 What is one **benefit** of the **ozone layer** in the stratosphere?
- It keeps the Sun's heat away from the Earth.
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- 3 A d...  
a...  
b...  
c...  
d...



## PREVIEW

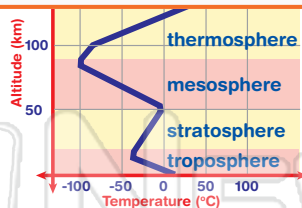
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- 4 T...  
S...  
C...

thermosphere

mesosphere

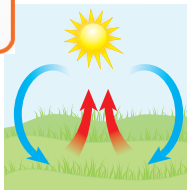
troposphere



- 5 **Energy** from the Sun is **transferred** to the Earth as \_\_\_\_\_.
- solar wind
  - electromagnetic radiation
  - balls of heat



- atmosphere is **transferred** by **convection**, which is \_\_\_\_\_.
- moving currents of air
  - precipitation falling to earth
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- 10 The **layer of the atmosphere** in which **we live** contains oxygen, nitrogen, carbon dioxide, water vapor, pollution, and weather. Name this layer.
- the troposphere