

## Chapter 12

Use with Section 1

## REINFORCEMENT

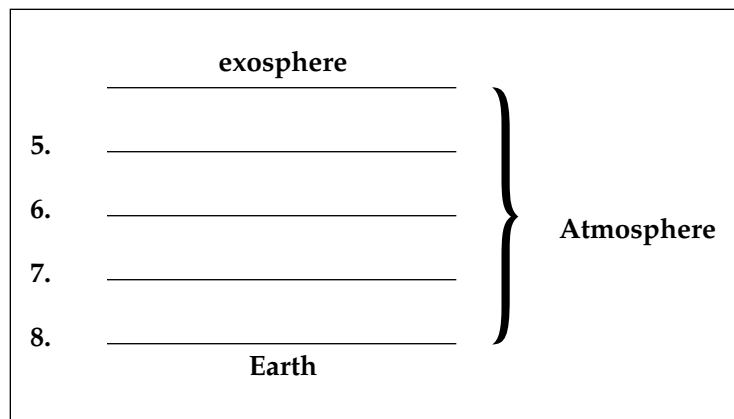
## ● Earth's Atmosphere

Use the chart to answer Questions 1–4.

Gas	Percent by volume	Gas	Percent by volume
A	78.09	Helium	trace
B	20.95	Methane	trace
Argon	0.93	Krypton	trace
Carbon dioxide	0.03	Xenon	trace
C	0.0 to 4.0	Hydrogen	trace
Neon	trace	Ozone	trace

1. What information does the chart show? \_\_\_\_\_  
\_\_\_\_\_
2. A, B, and C represent three different gases. What is A? \_\_\_\_\_  
How do you know? \_\_\_\_\_
3. What is B? \_\_\_\_\_ How do you know? \_\_\_\_\_  
\_\_\_\_\_
4. What is C? \_\_\_\_\_ How do you know? \_\_\_\_\_  
\_\_\_\_\_

The diagram below represents the layers of Earth's atmosphere. Write the names of the layers on the lines provided.



9. In which layer(s) does the temperature increase? \_\_\_\_\_  
\_\_\_\_\_
10. In which layer(s) does the temperature decrease? \_\_\_\_\_  
\_\_\_\_\_
11. Which layer contains electrically charged particles that reflect radio waves? \_\_\_\_\_  
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