



# Concept Attainment Quiz

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## I. Vocabulary Matching

Match the term in the box to the correct definition.

\_\_\_\_\_ Protects life on Earth from harmful particles from solar winds

\_\_\_\_\_ Keeps Earth's temperature stable and cool

\_\_\_\_\_ Is necessary for life as we know it

\_\_\_\_\_ Affects temperature of a planet

A. Distance from the Sun

B. Magnetic field

C. Atmosphere

D. Water

## II. Identification

Use the clues provided to fill in the blanks.

### Word Bank

water    magnetic field    oxygen    ozone layer    atmosphere    nitrogen  
 distance from the Sun    ice

1. Earth's \_\_\_\_\_ helps protect life from ultraviolet radiation.
2. Earth's atmosphere is mostly made up of the gases \_\_\_\_\_ and \_\_\_\_\_.
3. There is some evidence to suggest that Mars once had liquid \_\_\_\_\_, though now it may be trapped as \_\_\_\_\_.



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## III. Open-Ended Response

Answer the questions below. Use additional paper if needed.

1. Why is it very unlikely that scientists will discover life on the planet Mercury? What properties of this planet make it difficult to support living organisms? \_\_\_\_\_

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2. How does the Sun help support life on Earth? What things come from the Sun that can be harmful to life, and what protection does our planet have against these? \_\_\_\_\_

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