



Name: _____

Date: _____

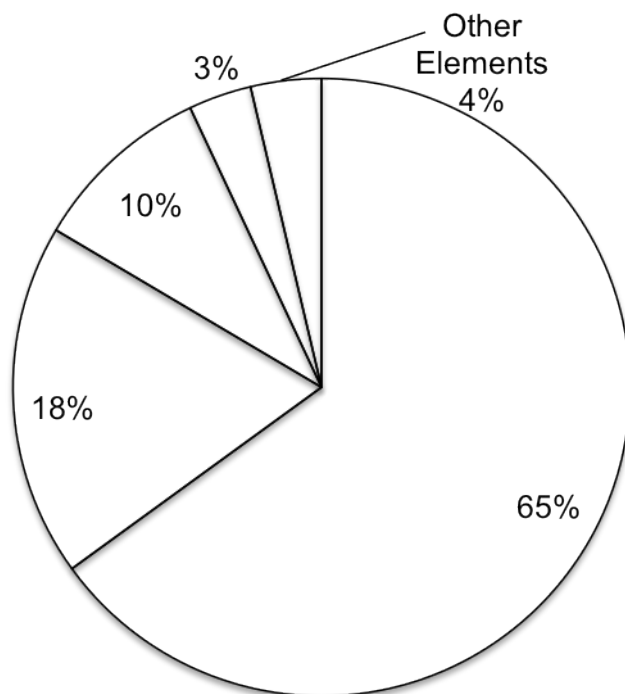
BIOSPHERE

What elements comprise the largest portion of Earth's biosphere?

Hints:

1. Oxygen, nitrogen, hydrogen, and carbon are the most abundant elements in Earth's biosphere.
2. This element is the most abundant in the biosphere and people and animals must inhale it to survive.
3. The element that makes up the second largest portion of the biosphere has the chemical symbol C.
4. The element that makes up 10% of the biosphere is hydrogen.
5. The element that makes up 3% of the biosphere has the chemical symbol N.

Elements in Earth's Biosphere



List the most common elements in each component of Earth.

	Most Common Elements
Biosphere	
Lithosphere	
Atmosphere	
Hydrosphere	



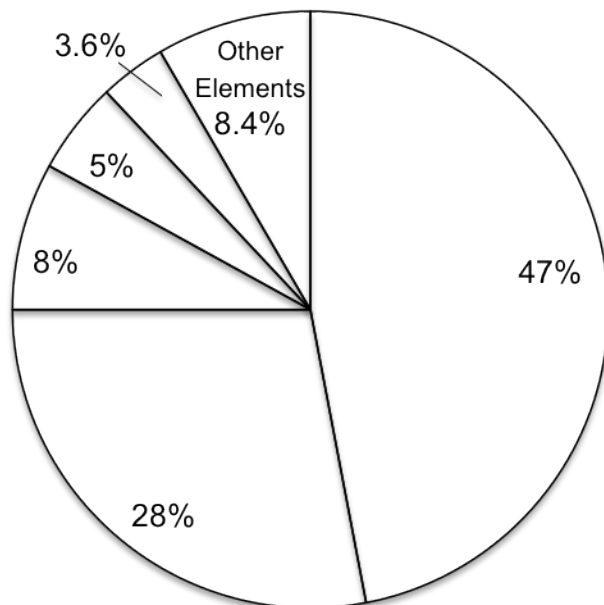
LITHOSPHERE

What elements comprise the largest portion of Earth's lithosphere?

Hints:

1. Oxygen, aluminum, calcium, iron, and silicon are the most abundant elements in Earth's lithosphere.
2. The most abundant element in the lithosphere is also most abundant in the biosphere.
3. The element that makes up the second largest portion of the lithosphere has the chemical symbol Si.
4. The element that makes up 8% of the lithosphere is aluminum.
5. Iron makes up 5% of the lithosphere.
6. The element with the chemical symbol Ca makes up 3.6% of the lithosphere.

Elements in Earth's Lithosphere



List the most common elements in each component of Earth.

	Most Common Elements
Biosphere	
Lithosphere	
Atmosphere	
Hydrosphere	



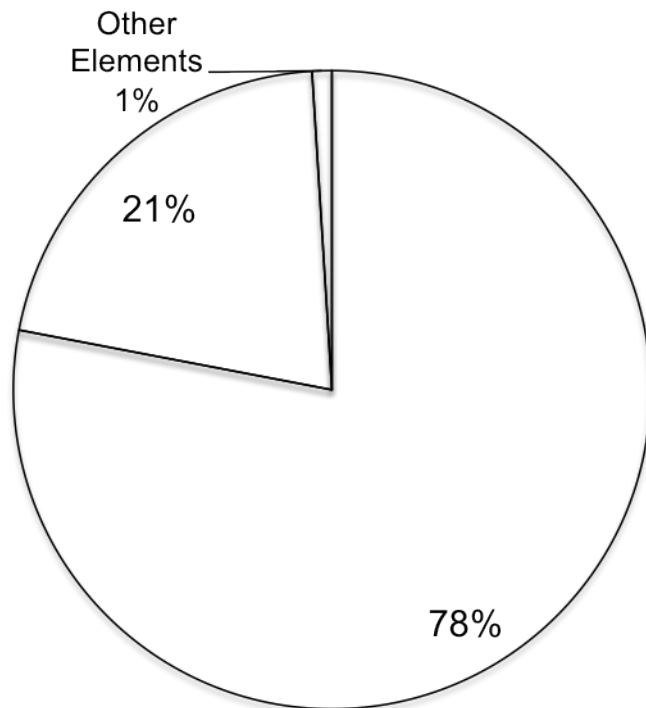
ATMOSPHERE

What elements comprise the largest portion of Earth's atmosphere?

Hints:

1. Oxygen and nitrogen are the most abundant elements in Earth's atmosphere.
2. The element with the chemical symbol N is the most abundant element in Earth's atmosphere.
3. The most abundant element in the biosphere, the lithosphere, and the hydrosphere, is the second most abundant element in the atmosphere.

Elements in Earth's Atmosphere



List the most common elements in each component of Earth.

	Most Common Elements
Biosphere	
Lithosphere	
Atmosphere	
Hydrosphere	



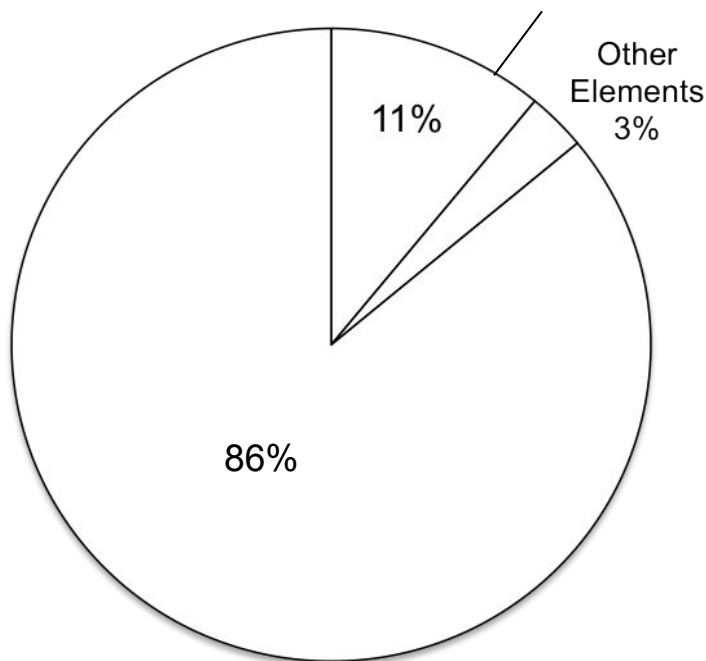
HYDROSPHERE

What elements comprise the largest portion of Earth's hydrosphere?

Hints:

1. Oxygen and hydrogen are the most abundant elements in Earth's hydrosphere.
2. The most abundant element in the lithosphere and biosphere is also the most abundant element in Earth's hydrosphere.
3. The second most abundant element in Earth's hydrosphere has the chemical symbol H.

Elements in Earth's Hydrosphere



List the most common elements in each component of Earth.

	Most Common Elements
Biosphere	
Lithosphere	
Atmosphere	
Hydrosphere	