



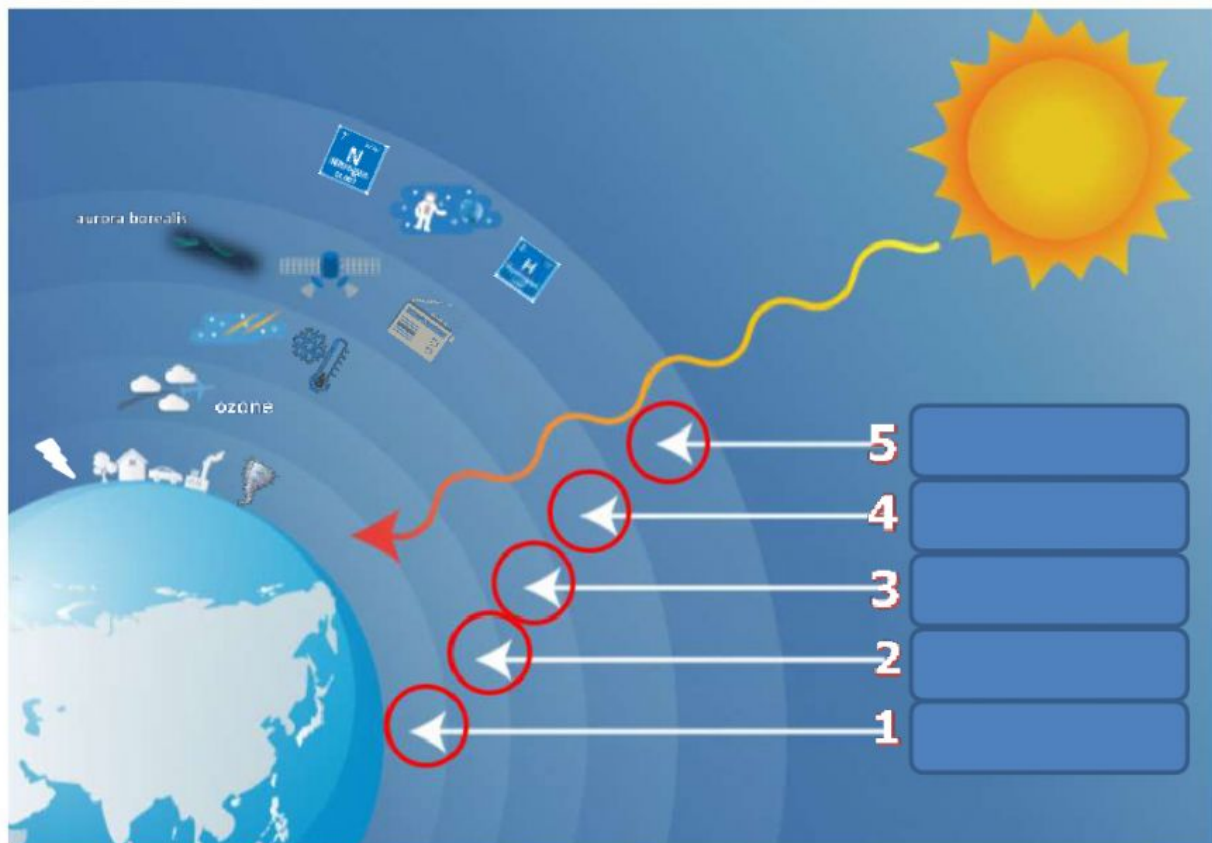
**MATH TEST  
6TH GRADE  
NOVEMBER 2020**

School year: 2020-2021

Date:

Name:

I. Drag the labels to the parts on the diagram.



Exosphere

Thermosphere

Mesosphere

Stratosphere

Troposphere

II. Check if the statement is TRUE. If it is false, leave it blank.

1. The biosphere includes all living things and the outer layers of Earth.
2. About 50% of the surface of the Earth is covered by oceans.
3. The biosphere is divided into five layers.
4. The hydrosphere consists of all the water on Earth.
5. The ozone layer is located in the troposphere.
6. The water cycle is a process that most of the water in the hydrosphere takes part in.
7. The mesosphere does not contain water vapor or ozone.
8. The ozone layer protects us from the sun's ultraviolet waves.
9. The stratosphere contains 75% of the atmospheric mass.
10. The exosphere's composition allows radio waves to be sent all over the planet.

III. Match the descriptions to the image.

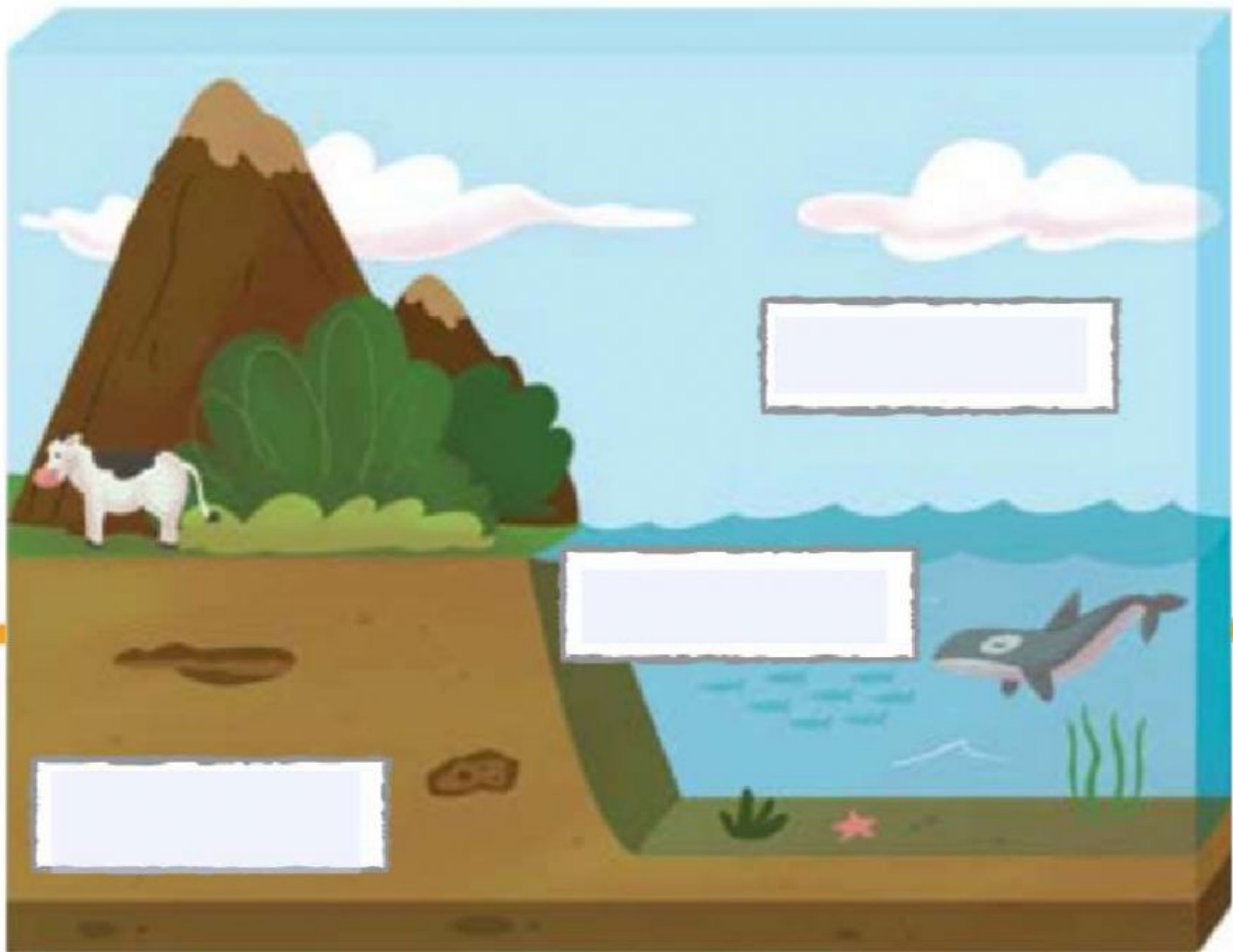


In early Earth, volcanoes produced carbon dioxide, nitrogen, and water vapor which became the Earth's second atmosphere.

Earth's first atmosphere was a mix of hydrogen and helium that later escaped into space. In this primitive atmosphere there was no oxygen.

Carbon dioxide dissolved in the oceans. This gas was key to the beginning of life: bacteria used carbon dioxide to produce oxygen, which remained within the atmosphere.

IV. Choose the correct label on the diagram.



V. Drag and drop.

Atmosphere:	Hydrosphere:	Lithosphere:
10,000 km thick, covers the entire surface of Earth		consists of Earth's crust and the upper part of the mantle
protects us from extreme cold or heat		it is between 50 and 80 km thick under the oceans

made up of gases  
like oxygen and  
carbon dioxide,  
and also liquid and  
solid particles

on the  
continents, it  
can be up to  
200 km thick

consists of all  
the water on  
Earth