

Name: _____ Date: _____

Major Domains of the Earth

Q1. Distinguish between the lithosphere and the hydrosphere.

Ans.	Lithosphere	Hydrosphere
	1.	1.
	2.	2.

Q2. Why air temperature decreases with increase in height?

Ans. _____

Q3. Give reason why biosphere is important for living organisms?

Ans. _____

Major Domains of the Earth

Q1. Distinguish between the lithosphere and the hydrosphere.

Ans.	Lithosphere	Hydrosphere
	1. The solid portion of the earth on which we live is called the Lithosphere.	1. Water covers a very big area of the earth's surface and this area is called the Hydrosphere
	2. It comprises the rocks of the earth's crust and the thin layers of soil that contain nutrient elements which sustain organisms.	2. Water in oceans and rivers and in lakes, ice in glaciers, underground water and the water vapor in atmosphere, all comprise the hydrosphere.

Q2. Why air temperature decreases with increase in height?

Ans. Air temperature decreases with increase in height because Earth's atmosphere is heated upward from the lowest level. Though sunlight passes through the higher altitudes before reaching the earth's surface but the earth surface is much better at absorbing the solar heat.

Q3. Give reason why biosphere is important for living organisms?

Ans. The biosphere is the narrow zone of contact between the land, water and air. It is this zone where life exists. There are several species of organisms that vary in size from microbes and bacteria to huge mammals. All the living organisms including humans are linked to each other and to the biosphere for survival.