

OC 1.4 – Size and Origin of the Ocean

Name:

1. Explain in your own words one of the leading theories concerning the origin of the ocean.
2. The surface of the Earth consists of solids (land), liquids (oceans) and gases (atmosphere). What is the principle difference between the liquid and gaseous parts compared to the solid part?
3. What percentage of the Earth's surface is covered by water?
4. What percentage of this water is fresh?
5. Where is the fresh water located?
6. My globe has a radius of 150 mm. If the average depth of the ocean is 4,500 m and the radius of the Earth is 6400 km, how deep would the ocean be on my globe?