

Name_____ Date_____

Section 6.2 Elements on Planet Earth

Answer in complete sentences.

- 1) What did early scholars think the universe was made of?
- 2) Define atmosphere.
- 3) What 3 elements make up the majority of our atmosphere?
- 4) Why can't oxygen exist for more than a fleeting instant as an uncombined atom?
- 5) What does every protein in your body contain?
- 6) What do plants and plant-like organisms use to make the food we depend on?
- 7) What do plants release back into the atmosphere?
- 8) The oxygen in the atmosphere is in the form of _____ molecules.
- 9) What do many scientists think may be the cause of global warming?
- 10) Define hydrosphere.
- 11) What is Earth sometimes called?

12) What is pure water made of?

13) What does the majority of water on Earth contain?

14) Which 3 compounds come from the rocks and soil that make up the continents?

15) Why is ocean water salty?

16) What is the most abundant element in the Earth's crust?

17) How can _____ be the most abundant element in the Earth's crust if it is a gas?

18) Which two elements combine to form sand?

19) Which two elements combine to form rust?

20) What are a few metallic elements that exist in nature uncombined with other elements?

21) Define reactivity.

22) What are 3 characteristics of metals?

23) What are 2 characteristics of non-metals?

24) Define metalloids.

25) What is the most abundant metal in the Earth's crust?