

How the Earth Was Made: Birth of the Earth

Name: _____

- 1) Why is it difficult for scientists to find clues to what early Earth looked like?
- 2) The oldest rocks on Earth came from _____.
- 3) What was the significance of the salt from the salt and water mixture clumping together in space?
- 4) How did young Earth get so massive?
- 5) What do the different layers of Earth tell us about young Earth?
- 6) What did Ernest Rutherford discover that helped us determine the age of Earth?
- 7) How did Patterson determine the age of the Earth? What did he discover it to be?
- 8) What is Hartman's theory for the formation of the moon?
- 9) What do the banded iron formations tell us about early Earth's surface 4.28 billion years ago?
- 10) Where do scientists theorize the water here on Earth came from?
- 11) What is the significance of finding amino acids in meteorites?
- 12) How did stromatolites, colonies of cyanobacteria, alter the make-up of life on Earth?