

Name: \_\_\_\_\_ Period: \_\_\_\_\_

## Solar System Webquest

### *The Formation of the Planets*

**Link 1** - <http://map.gsfc.nasa.gov/universe/>

1. Cosmology is the study of \_\_\_\_\_.

**Link 2** - [http://www.esa.int/esaKIDSen/SEMSZ5WJD1E\\_OurUniverse\\_0.html](http://www.esa.int/esaKIDSen/SEMSZ5WJD1E_OurUniverse_0.html)

2. What is The Big Bang Theory? And don't say "A TV show on CBS." \_\_\_\_\_

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3. The Big Bang happened about \_\_\_\_\_ years ago.

4. \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ all began with the Big Bang.

5. What happened following the Big Bang to allow protons and neutrons to come together to form atoms and eventually atoms to come together to form different elements? \_\_\_\_\_

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#### **This section is on your own - google.com**

6. The first evidence for the Big Bang Theory was when Edwin Hubble in \_\_\_\_\_ discovered that everything in the universe is \_\_\_\_\_.

7. There are 4 main pieces of evidence that support The Big Bang Theory:

a) Evidence that the universe is \_\_\_\_\_.

b) \_\_\_\_\_ radiation from the "first light" that was released once the universe reached \_\_\_\_\_ years old.

c) The amount of different \_\_\_\_\_ in the universe is almost exactly as what The Big Bang predicts.

d) Finally, the Big Bang Theory is the only explanation that explains why our universe looks the way it does today!



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