

Science test answers

Introduction

For the following multiple choice questions, highlight the best answer.

1. How did atoms of Magnesium (Mg) form?

- a) The Big Bang
- b) Merging Neutron Stars
- c) **Dying High Mass Stars**
- d) Human-made

2. How did atoms of nobelium (No) form?

- e) The Big Bang
- f) Merging Neutron Stars
- g) White Dwarf Supernova
- a) **Human-made**

3. How did atoms of silver (Ag) form?

- h) Dying High Mass Stars
- i) **Merging Neutron Stars**
- j) White Dwarf Supernova
- k) Human-made

For each of the elements listed below, explain how it was formed. Use the provided

4. Carbon is an important element for life on Earth. It is the basis for the food that gives us energy, the structure of our skin, fat, and muscles, and is responsible for many of the chemical reactions in our bodies. Also, diamonds are made of carbon as well! Where do atoms of carbon form?



Dying low mass stars

5. Did you know that the symbol for gold, Au, refers to the Latin word aurum, which means "shining dawn" or "glow of sunrise"? How does gold form?

Physics Benchmark Science Test Answers

Yi-Tong Ma



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