

Nuclear Fission and Fusion – Questions

Instructions: Identify the following descriptions as either **Fusion** or **Fission**.

- | | |
|--|----------------|
| 1) Requires at least two smaller atoms to occur. | <u>Fusion</u> |
| 2) The splitting of a large nucleus into smaller nuclei. | <u>Fission</u> |
| 3) Usually occurs with light elements. | <u>Fusion</u> |
| 4) Uranium-235 is struck by a neutron, releasing energy. | <u>Fission</u> |
| 5) Usually starts with a heavy element. | <u>Fission</u> |
| 6) Releases the most energy of the nuclear reactions. | <u>Fusion</u> |
| 7) Often leads to a chain reaction effect. | <u>Fission</u> |
| 8) Requires at least one heavy nucleus to start. | <u>Fission</u> |
| 9) The source of energy in stars like the Sun. | <u>Fusion</u> |
| 10) Used to generate energy in nuclear power plants. | <u>Fission</u> |
| 11) Generates nuclear waste that must be stored or buried. | <u>Fission</u> |
| 12) Not currently utilized as an energy source for humans. | <u>Fusion</u> |



- 13) Does the equation above represent **Fusion** or **Fission**? Explain your reasoning.

The equation represents fission because it starts with a large nucleus (Uranium) and a neutron. Afterwards, it splits into smaller nuclei.

Fission Vs Fusion And Chain Reactions Worksheet Answer Key

Sabine Zange



Fission Vs Fusion And Chain Reactions Worksheet Answer Key:

Adopting the Song of Phrase: An Mental Symphony within **Fission Vs Fusion And Chain Reactions Worksheet Answer Key**

In a world consumed by monitors and the ceaseless chatter of instantaneous communication, the melodic splendor and mental symphony created by the prepared term often fade in to the background, eclipsed by the relentless sound and distractions that permeate our lives. However, located within the pages of **Fission Vs Fusion And Chain Reactions Worksheet Answer Key** a charming literary prize full of organic feelings, lies an immersive symphony waiting to be embraced. Crafted by a masterful composer of language, this charming masterpiece conducts readers on a psychological trip, well unraveling the hidden tunes and profound impact resonating within each cautiously crafted phrase. Within the depths of the emotional evaluation, we will examine the book is main harmonies, analyze their enthralling publishing style, and submit ourselves to the profound resonance that echoes in the depths of readers souls.

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