

A nucleus is a cluster of protons and neutrons. Elaborate on this. Write exactly 9 very short bullet points. Limit the number of words you use (less than 100 words). An example: \* A nucleus is a cluster of protons and neutrons \* A proton is .... Please follow the format of the example above.

## Original Text

\* A nucleus is a cluster of protons and neutrons. \* Protons are positively charged particles. \* Neutrons have no electric charge. \* Together, protons and neutrons are called nucleons. \* The number of protons defines the element's atomic number. \* Neutrons contribute to the nucleus's mass but not its charge. \* The forces between nucleons are mediated by gluons. \* These forces are much stronger than electromagnetic forces. \* Variations in neutron number create different isotopes of an element.

## Perturbed Text

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