

Nuclear transformations

EST

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Complete this concept review handout and keep it as a record of what you have learned.

EST Definitions

- Nuclear stability _____

The stability of the nucleus depends on two factors: _____

- Radioactivity is _____

- The half-life is _____

EST Nuclear transformations

Type of transformation	Description
Nuclear fission	_____

Nuclear fusion	_____

EST Isotope

Hydrogen-1, hydrogen-2 and hydrogen-3 are three isotopes of hydrogen.

They are differentiated by _____