

Nuclear Equations Worksheet

❖ Write the nuclear equations that accurately describe the following statements. ❖

La-144 becomes Ce-144 when it undergoes a beta decay.

Np-233 is formed when Am-237 undergoes a nuclear decay process.

Sm-146 is produced when an element undergoes an alpha decay.

The beta decay of Dy-165 creates a new element.

The Ne-22 nucleus is formed when an element undergoes a beta decay.

U-235 undergoes an alpha decay to produce Th-231.

U-238 undergoes an alpha decay and produces two gamma rays.

When Pa-229 goes through two alpha decays, Fr-221 is formed.

Name : _____ Date : _____

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Answers

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