

Practice Quiz / Study Guide

Make sure you know all notes taken Tuesday 11/28/2017.

↳ Relevant Concepts:

- Nuclear decay/radiation
- The 3 types of radiation
- Gamma ray
- Transmutation
- nuclear fission
- chain reaction
- nuclear fusion
- The Sun + nuclear fusion
- Theory of Special relativity

→ ① What would be the mass equivalent to 6.3×10^{23} J of energy?

② If I released 3.7 mJ of energy from a system at a constant rate within 9 seconds, how many mg would it amount to in the first 5 seconds?