

Unit 10

NAME

Class Work

5/6/14

10.4 Writing Nuclear Equations

SPARK

1. What is the mass of an alpha particle?
2. What is the charge of a beta particle?
3. What is a balanced equation?


Objective

SWBAT write nuclear equations

200 Things to Know to Pass Chemistry Regents!

GIZMO Lab

- 1) Go to www.explorelearning.com
- 2) Click login.
- 3) Enter your username and password.
- 4) Scroll to the bottom and Launch the gizmo that says Nuclear Decay



Nuclear Decay
Observe the five main types of nuclear decay: alpha decay, beta decay, gamma decay, positron emission, and electron capture. Write ...
[Lesson Info](#) | [Launch Gizmo](#)

The image shows a screenshot of the 'Nuclear Decay' Gizmo interface. On the left, there is a diagram of a nucleus composed of blue and purple spheres, with a yellow arrow indicating a particle being emitted. To the right of the diagram, the title 'Nuclear Decay' is displayed in bold. Below the title, a descriptive text states: 'Observe the five main types of nuclear decay: alpha decay, beta decay, gamma decay, positron emission, and electron capture. Write ...'. At the bottom of the interface, there are two links: 'Lesson Info' and 'Launch Gizmo'.

- 5) Begin following directions on your lab. You may work with your table.

Objective: SWBAT write nuclear equations!

HOMEWORK

10.4 Homework Sheet!

Objective: SWBAT write nuclear equations!