

Name: _____ Date: _____

m_r^β **Physics Practice: Radioactive decay research**

1. What is half-life?

2. What are the most common types of radioactive decay?

3. Sketch and describe alpha decay.

4. Sketch and describe beta decay.

5. Sketch and describe gamma decay.

6. Where does helium in the sun come from?

7. Where does helium on earth come from?

8. Describe the stability of neutrons in carbon-12.

9. Describe the stability of free neutrons.

10. Why is radiation dangerous to humans?
