



Name: \_\_\_\_\_

Due Date: \_\_\_\_\_

### Assignment 20.01: Radioactive Decay

Write an equation for each of the radioactive decay processes below.

1. Uranium-238 decays via Alpha Particle Emission.

2. Radium-226 decays via Alpha Particle Emission.

3. Lead 214 decays via Beta Particle Emission.

4. Potassium 40 undergoes Beta-Decay.

5. Carbon-14 decays, emitting a beta particle.