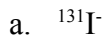


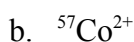
CHEM105 Unannounced Quiz 2*Name on back only please**Please show all work to receive any credit*

1. For each of the following radioactive atoms or ions; 1) Identify the number of neutrons, protons and electrons, and 2) Write an equation for the expected mode of radioactive decay and clearly support your reasoning.



- 1) Number of protons, electrons, and neutrons

- 2) Equation for expected mode of radioactive decay; clearly explain why this occurs.



- 1) Number of protons, electrons, and neutrons

- 2) Equation for expected mode of radioactive decay; clearly explain why this occurs.



- 1) Number of protons, electrons, and neutrons

- 2) Equation for expected mode of radioactive decay; clearly explain why this occurs.