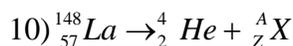
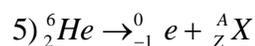
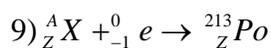
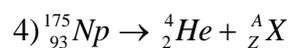
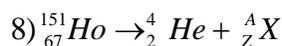
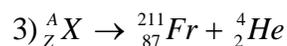
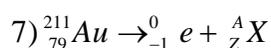
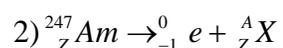
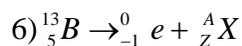
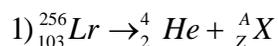


Extra Nuclear Reactions Practice!

Part A: Completing Nuclear Decay Reactions

For each of the atoms listed below, REWRITE the decay reaction by solving for A_ZX or other missing information. Remember that the mass and protons on each side of the arrow need to equal each other.



Part B: Writing Nuclear Decay Reactions:

Write equations for the following nuclear decay reactions. Make sure that both mass numbers and atomic numbers are balanced on each side.

11) Decay of polonium-218 by alpha emission

12) Decay of carbon-14 by beta emission.

13) The alpha decay of radon-198

14) The beta decay of uranium-237

