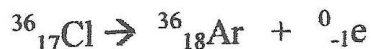


Nuclear Balancing Act

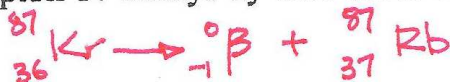
Name KEY
 Period _____
 Date _____

Write a balanced equation for each of the following nuclear reactions

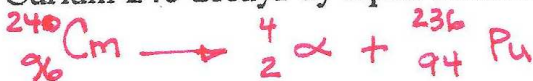
Example: Chlorine-36 decays by beta emission



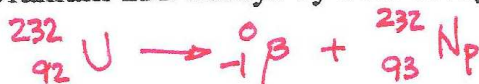
1. Krypton-87 decays by beta emission.



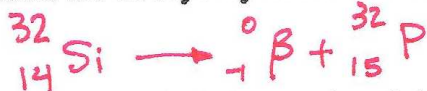
2. Curium-240 decays by alpha emission.



3. Uranium-232 decays by beta decay.



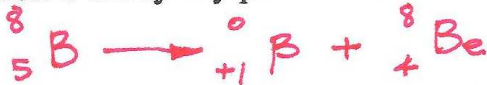
4. Silicon-32 decays by beta emission.



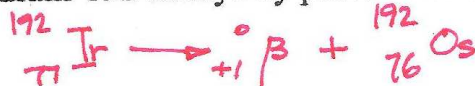
5. Americium-243 decays by alpha emission.



6. Boron-8 decays by positron emission.



7. Iridium-192 decays by positron emission.



8. Germanium-68 undergoes electron capture.



9. Fluorine-18 undergoes electron capture.



10. Toughie! Lead-210 decays by emitting both a beta and an alpha particle.

