
Answer the questions below based on your reading above and on your knowledge of chemistry. Write a complete nuclear equation showing the transmutation that occurs. Use *Table N* for reference.

1. What forms when carbon-14 decays?
2. What forms when radium-226 decays?
3. What forms when iron-53 decays?
4. What kind of decay causes neptunium-238 to form from uranium-238?
5. From what radioactive element does fluorine-19 form by positron emission?
6. What forms from the decay of francium-220?
7. What forms from the decay of potassium-42?
8. What forms from the decay of potassium-37?
9. What forms from the decay of iodine-131?