Summarize the following Unit 4 Objectives: Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per \_\_\_\_\_

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| 1. Describe the structure of the atom in terms of subatomic particles and their properties. |
| 2. Distinguish the uniqueness of atoms in terms of atomic number, mass number, and isotopes. |
| 3. Describe the forces which bind the atom together. |
| 4. Distinguish between fission, fusion, and radioactive decay. |
| 5. Compare/contrast methods used to determine geologic time (relative dating, fossil record, absolute dating). |