**Answer the following using complete sentences with a restate.**

1. Define the term half-life.

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2. What does it mean when we say an atom has “decayed”?

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3. For Table 2, at the end of each half-life, at approximately what percentage are the atoms decaying? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Define radioactive decay.

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5. DESCRIBE a radioactive element.

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6. What is the difference between absolute age and relative age?

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7. How do scientists use radioactive decay to date fossils and artifacts?

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