

Section 7.2

Half-life

Before You Read



1. Words to Know

Directions: Match the correct definition to the term on the left.
Scan pages 302 – 309 to find the definitions.

Words to Know	Definition
___ daughter isotope	A. In radioactive dating, the isotope that undergoes radioactive decay
___ decay curve	B. In radioactive dating, the stable product of radioactive decay
___ half-life	C. the process of determining the age of an object by measuring the amount of carbon-14 remaining in that object
___ parent isotope	D. a curved line on a graph that shows the rate at which radioisotopes decay
___ radiocarbon dating	E. the time required for half the nuclei in a sample to decay

2. Predicting the Main Ideas of Section 7.2

Directions: Scan pages 302 – 309 looking at the pictures and titles within this section. Predict four things you think you will learn in this section.

1. _____

2. _____

3. _____

4. _____

