

Radioactive Isotopes

1. Animal
2. Proper Noun
3. Noun
4. Location
5. First Name
6. Noun
7. Adverb
8. Verb
9. Noun

Radioactive Isotopes

Changing the number of _____
Animal in an _____
Proper noun does not change the overall charge of the

Noun. However, changing the number of _____
Location can affect of the _____
First name of the
nucleus to _____
Noun or break apart. When a nucleus _____
Adverb apart, it _____
Verb off radiation
that can be detected. Isotopes that give off radiation are called radioactive isotopes.

Carbon-14 is a radioactive isotope that is found in all living things. Scientists know the half-life, or the amount
of time it takes for half of carbon-14 to _____
Noun so they can calculate the age of an object by finding how
much carbon-14 remains in the sample. Other radioactive isotopes have medical uses, as shown in Figure 5.