

Radioactive isotopes

1. Event
2. Number
3. Event
4. First Name
5. Animal
6. Noun
7. First Name
8. Noun

Radioactive isotopes

Changing the _____ Event _____ of _____ Number _____ in an atom does not change the overall charge of the atom.

However, changeing the number of neutrons can affect the stability of the nucleus, in some cases causing the

nucleus to decay, or break _____ Event _____. When a nucleus breaks apart, it gives off radiation that can be

First name _____ . Isotopes that give off radiation are calleld radioactive _____ Animal _____.

Carbon-14 is a radioactive _____ Noun _____ that is found in all living things. Scientists know that the half-life, or

the amount of time it takes for half of carbon-14 to decay, so they can calculate the age of an object by finding

how much carbon-14 _____ First name _____ Noun _____ the sample.