**Absolute Dating Notes**

Video questions: <http://www.youtube.com/watch?v=bLszCCLN-uw>

1. What is radioactive decay?
2. What does it mean when something is stable or unstable?
3. What are some ways we use radioactive things?

Define Absolute Dating: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 How do we find absolute age? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is radioactive decay?

**Color the radioactive atoms**

 **=unstable**

 **= stable**



0 half lives

\_\_\_\_ radioactive atoms

\_\_\_\_ stable atoms

2 half lives

\_\_\_\_ radioactive atoms

\_\_\_\_ stable atoms

1 half life

\_\_\_\_ radioactive atoms

\_\_\_\_ stable atoms

3 half lives

\_\_\_\_ radioactive atoms

\_\_\_\_ stable atoms

All living things contain carbon. This helps scientist when they are trying to determine the age of a fossil. The process used is called Carbon Dating.

**A special type of fossil notes:**