**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Geology 12.1-12.3 Practice**

**Geologic Time**

1. **What is the difference between relative and radiometric dating?**
2. **What is uniformitarianism?**
3. **Which type of rock helps us the most in studying geologic history?**
4. **What is the principle of cross-cutting?**
5. **What does it mean if you see tilted rock layers?**
6. **Which is younger: an inclusion or the rock containing the inclusion?**
7. **What is the difference between an unconformity and a nonconformity?**
8. **What kinds of fossils remained unaltered?**
9. **What is carbonization?**
10. **What is the difference between a parent nuclei and a daughter nuclei?**
11. **What is a half-life?**
12. **If I have 200 grams of a substance, how many half-life will need to take place before I am left with 25 g of the original substance?**