

Name _____ Per _____

HOMEWORK 5-4

Use Chapter 6 pages 159-161 in the McGuire Review Book to answer the following questions.

1. What method is generally used to find the absolute age of rocks?
2. What type of rock is this method useful in determining their age?
3. What happens when an atom undergoes radioactive decay?
4. What is an isotope?
5. What is one of the most important isotopes used for the purpose of radioactive dating?
6. Why is the rate of decay so predictable?
7. How do we measure the rate of radioactive decay?
8. What does the term half-life mean?
9. Which radioactive substance would be used to date plant and animal remains?
10. What is the inferred age of the earth?

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Answer the following questions on pages 1161-162

51____ 52____ 53____ 54____ 55____ 56____ 57____