

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

# Radioactive Decay

Use the Linkviewer to complete the table below

# of Half-lives	Age of Skull	# of atoms of Carbon-14	# of atoms of Nitrogen-14	Ratio	Percent of C-14 remaining
0					
1					
2					
3					
4					
5					
6					
7					

Write down your answers to the Linkviewer Regents questions below

1. \_\_\_\_\_

5. \_\_\_\_\_

9. \_\_\_\_\_

2. \_\_\_\_\_

6. \_\_\_\_\_

10. \_\_\_\_\_

3. \_\_\_\_\_

7. \_\_\_\_\_

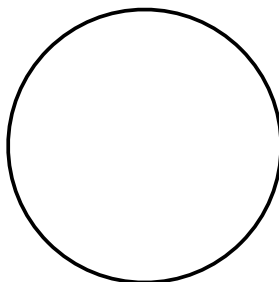
11. \_\_\_\_\_

4. \_\_\_\_\_

8. \_\_\_\_\_

12. \_\_\_\_\_

Shade in a portion of the circle to the right so that it represents the amount of **undecayed** atoms in a sample of rock that has existed for 3 half-lives



# Radioactive Decay Graph

