

Name: _____

Date: _____

Period: _____

Radioactive Decay

Use the Linkviewer to complete the table below

# of Half-lives	Age of Skull (years)	# of atoms of Carbon-14	# of atoms of Nitrogen-14	Percent of C-14 remaining (%)	Percent of N-14 remaining (%)
0					
1					
2					
3					
4					
5					

Write down your answers to the Linkviewer Regents questions below

1. _____

5. _____

9. _____

2. _____

6. _____

10. _____

3. _____

7. _____

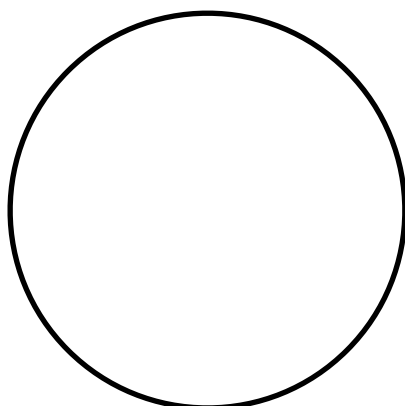
11. _____

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

