ecay Name:	Date:				
s: Notes:					
	Radioactive decay occurs when an unstable nucleus releases energy by				
emitting r	emitting radiation				
Radiation	Radiation refers to the penetrating rays and particles emitted by a				
radioactiv	e source				
on is emitted Alpha (α					
ay occurs?					
Beta (β)					
υτα (ρ)					
Gamma (	<i>ı</i> )				
ıre?					
lear decay 1. Assig	n an x and a y for the mass number and the charge of the nucleus				
2. Place	an equal sign at the top and the bottom of the yield sign				
3. Solve	the equation at the top for x and the equation at the bottom for y				
4. Look	at the bottom number (charge of the nucleus) to determine the symbol				
14 6 C →	N + 7 What type of decay is shown here?				
230 234 230 230 230 221 210 210 210 210 210 210 210 210 21	5 50 67 78 80 90 90 91 92 Abonic number				
s to become					
stion(s) I have:					
MUII(S) I HAVE.					
stion(s) I have:	So 60 70 90				