

Writing Nuclear Equations				
#	Q			
1	Describe what happens to a nucleus during radioactive decay			
2	Fill in the following for the three types of decay			
	Property	Alpha	Beta	Gamma
	What is it?			
	Symbol			
	Charge			
	What stops it?			
3	Which type of radiation is a packet of energy (photon) or a wave?			
4	What type of radiation is a helium nucleus?			
5	Which type of radiation is a super fast moving electron?			
6	What type of decay results in an increase in the atomic number for the decay product			
7	Which type of decay results in no change in atomic number for the decay product			

Complete the following equations and fill in the blanks.

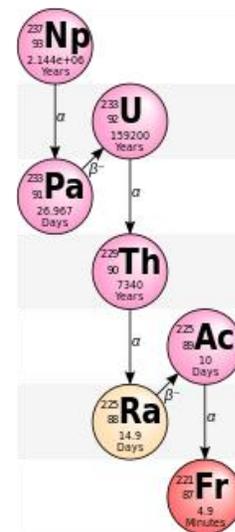
Type of Decay



Complete these nuclear reactions:



Describe what you see happening in this image. Include specifics as "evidence" to back up what you are seeing. Use full sentences.



GLUE THIS PART DOWN