

NAME : DATE :

EXCERSICE

PHYSICS NUCLEAR

Complete the equations below:

NO	EQUATIONS	Type of decay
(a)	$^{226}_{88}Ra \rightarrow \boxed{}Rn + {}^4_2He$	
(b)	$\boxed{}{}^{84}Po \rightarrow {}^{208}Pb + {}^4_2He$	
(c)	$\boxed{}{}^{82}Pb \rightarrow {}^{222}_{80}Hg + {}^4_2\boxed{}$	
(d)	${}^{90}_{38}Sr \rightarrow \boxed{}Y + {}^{-1}_0e$	
(e)	${}^{14}_6C \rightarrow {}^{14}_7N + \boxed{}$	
(f)	${}^{238}_{92}U \rightarrow {}^{234}_{90}Th + {}^4_2He + \boxed{}$	