

RADIOACTIVE DECAY EQUATION

(Alpha-particles)

Name: _____

Class: _____

Task : Fill in the boxes with the correct nucleon and proton number.

No	Equations
1	${}_{92}^{238}\text{U} \rightarrow {}_2^4\text{He} + \text{X}$
2	${}_{96}^{247}\text{Cm} \rightarrow {}_2^4\text{He} + \text{X}$
3	${}_{88}^{222}\text{Ra} \rightarrow {}_2^4\text{He} + \text{X}$
4	${}_{95}^{241}\text{Am} \rightarrow {}_2^4\text{He} + \text{X}$
5	${}_{94}^{239}\text{Pu} \rightarrow {}_2^4\text{He} + \text{X}$