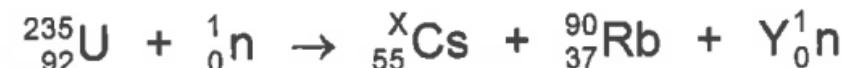


- 29 The equation shows one of the nuclear fission reactions that occurs when uranium-235 absorbs a neutron.



What is a possible pair of values for X and Y?

	X	Y
A	143	1
B	143	2
C	144	1
D	144	2

- 30 A source of alpha radiation enters a human body.