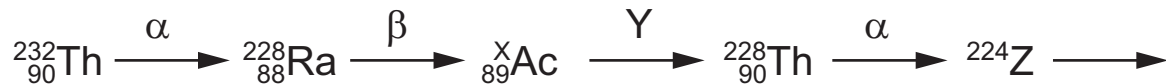


- 40** The diagram shows part of a radioactive decay chain in which the nuclide thorium-232 decays by α -emission into radium-228. This nuclide is also unstable and decays by β -emission into a nuclide of actinium. This process continues.



What are X, Y and Z?

	X	Y	Z
A	228	α	Th
B	228	β	Ra
C	232	α	Th
D	232	β	Ra