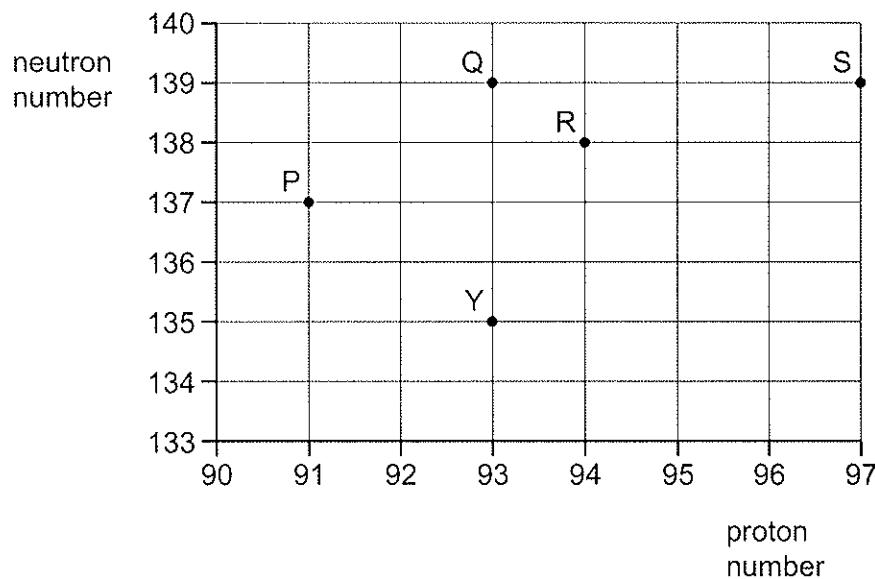


- 40 Isotope Y forms after two successive decays. Each decay can be either alpha-emission or beta-emission. Four other isotopes, P, Q, R and S, are shown on the diagram.



How many of the isotopes P, Q, R and S could be the initial isotope that, after two successive decays, became Y?

A 1

B 2

C 3

D 4

