

30 A piece of radioactive material contains 4.8×10^{20} undecayed atoms and has an activity of 3.7×10^7 Bq.

How long will it take for the number of undecayed atoms to fall to 1.5×10^{19} ?

- A 9.0×10^{12} s B 1.3×10^{13} s C 4.5×10^{13} s D 5.4×10^{13} s

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