

30 What is the decay constant of a radioactive substance?

- A** the constant of proportionality in the equation relating the rate of decay of nuclei in the substance to the number of undecayed nuclei
- B** the number of disintegrations of nuclei in the substance occurring in one half-life of the substance
- C** the number of disintegrations of nuclei in the substance occurring per unit time
- D** the average time taken for half the nuclei initially present in the substance to decay

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