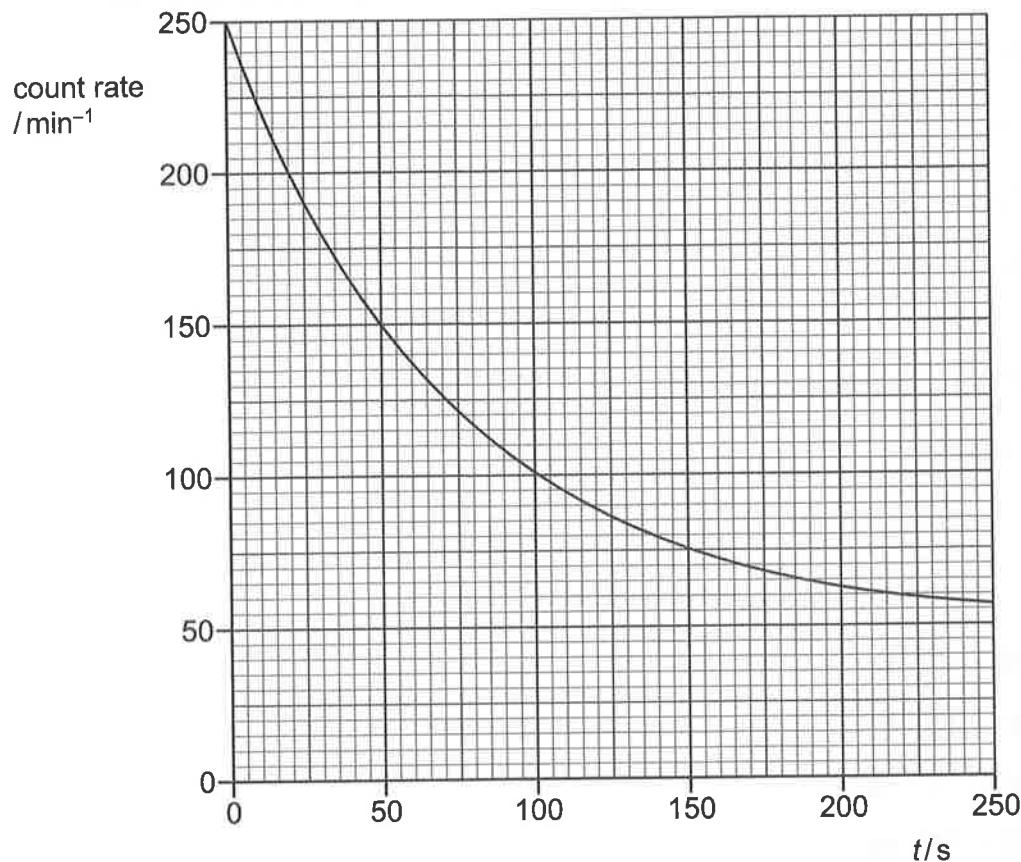


- 30 The graph shows the count rate measured by a detector near a radioactive sample plotted against time.



The background count rate is 50 min^{-1} .

What is the half-life of the radioactive sample?

- A 50 s B 70 s C 80 s D 100 s

