

28 The uncertainty in position of a particle in space is 2.00×10^{-20} m and the uncertainty in its momentum is 4.00×10^{-14} N s.

What is the minimum percentage change in uncertainty of momentum when the uncertainty in position is halved?

A - 100 %

B - 66 %

C 66 %

D 100 %

29 Today the activity of a sample of caesium 137 is 1.0×10^5 Bq. The half-life of caesium 137