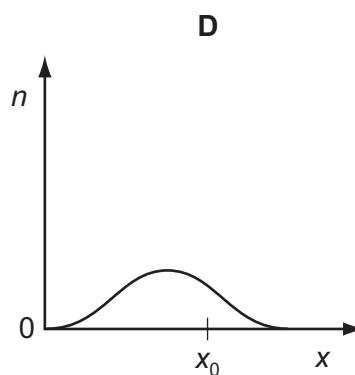
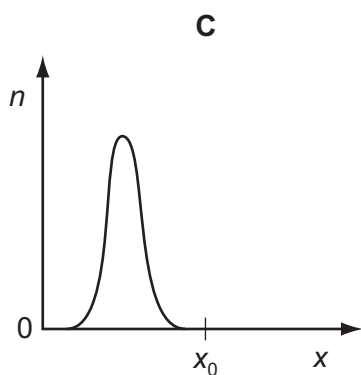
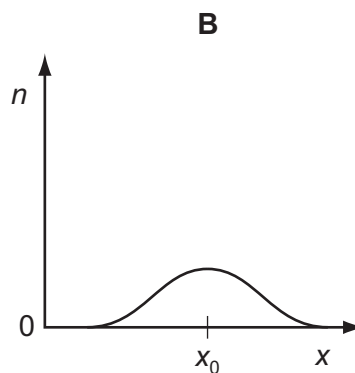
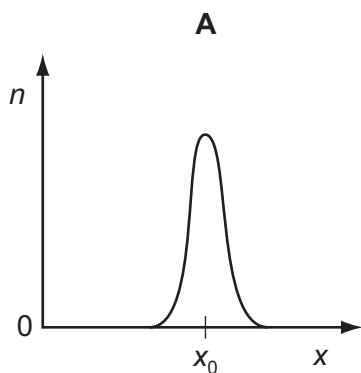


- 6 A fixed quantity  $x_0$  is measured many times in an experiment that has experimental uncertainty. A graph is plotted to show the number  $n$  of times that a particular value  $x$  is obtained.

Which graph could be obtained if the measurement of  $x_0$  has a large systematic error but a small random error?



**Space for working**