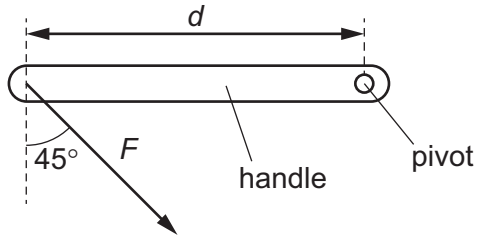


- 11 A force  $F$  is applied at an angle of  $45^\circ$  to a door handle at a distance  $d$  from the pivot of the handle, as shown.



What is the moment of the force about the pivot?

**A**  $\frac{Fd}{\sqrt{2}}$

**B**  $Fd$

**C**  $Fd\sqrt{2}$

**D**  $2Fd$