

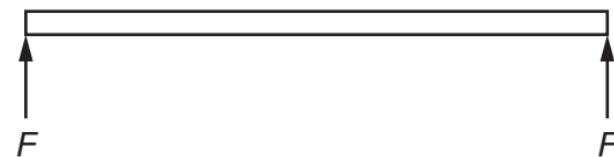
- 12 Two parallel forces, each of magnitude F , act on a rod of length $5d$.

Which diagram shows the positions of the two forces that will produce the largest torque on the rod?

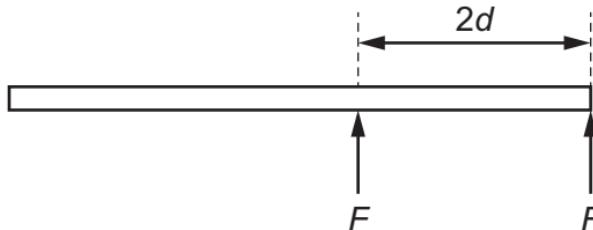
A



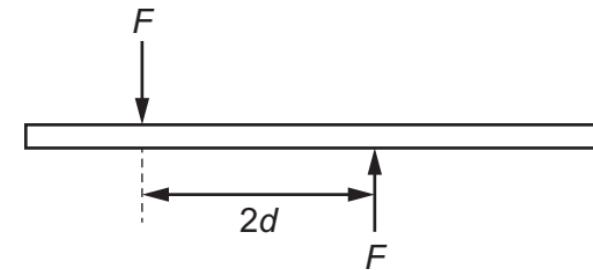
B



C



D



- 12 A man of mass 500 N walks half a distance from the left end of a horizontal bridge of length $5d$ to the right end.