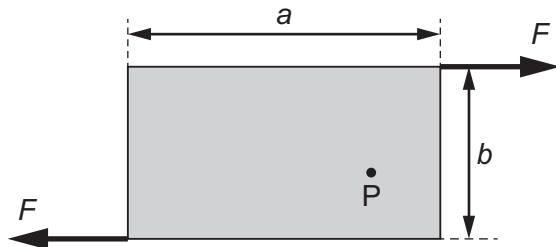


- 12** Two forces, each of magnitude  $F$ , act along the edges of a rectangular metal plate, as shown.



The plate has length  $a$  and width  $b$ .

What is the torque about point  $P$ ?

- A**  $Fa$                       **B**  $Fb$                       **C**  $2Fa$                       **D**  $2Fb$