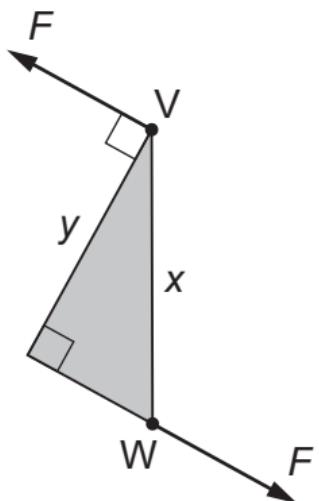


13 Two forces, each of magnitude  $F$ , act at points V and W on an object.

The two forces form a couple. The shape of the object is a right-angled triangle with sides of lengths  $x$  and  $y$ , as shown.



Which expression gives the torque exerted by the couple?

A  $Fx$

B  $Fy$

C  $2Fx$

D  $2Fy$