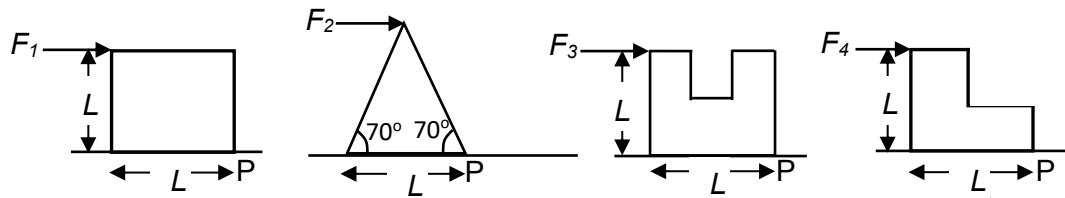


- 4 The figure below shows four objects with the same mass. Each object has uniform density and thickness. The dimensions are as shown for each object. A horizontal force  $F$  is applied at the top of each object. In each case, the object does not slide and is just about to rotate about point P.



Which applied force is the largest?

A  $F_1$

B  $F_2$

C  $F_3$

D  $F_4$