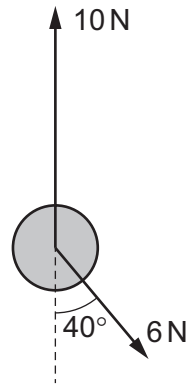
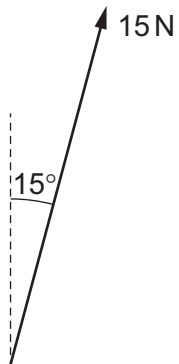


- 3 An object is acted upon by two forces, 10 N in the vertical direction and 6 N at  $40^\circ$  to the vertical, as shown.

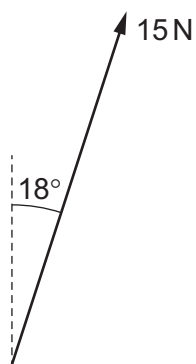


What is the resultant force acting on the object?

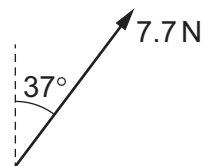
**A**



**B**



**C**



**D**

