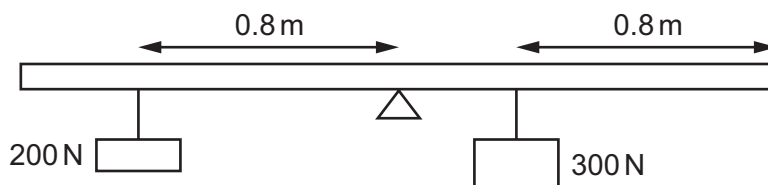


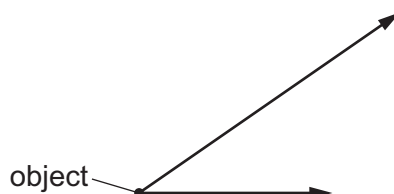
- 11 A rigid uniform bar of length 2.4 m is pivoted horizontally at its midpoint.



Weights are hung from two points on the bar as shown in the diagram. To maintain equilibrium, a couple is applied to the bar.

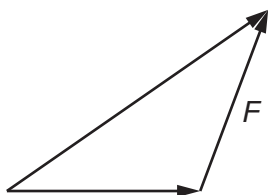
What is the torque and direction of this couple?

- A 40 N m clockwise
 - B 40 N m anticlockwise
 - C 80 N m clockwise
 - D 80 N m anticlockwise
- 12 Two coplanar forces act on an object as shown.

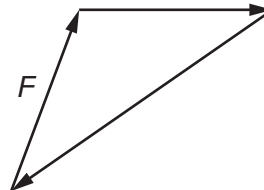


Which diagram shows the resultant F of these two forces?

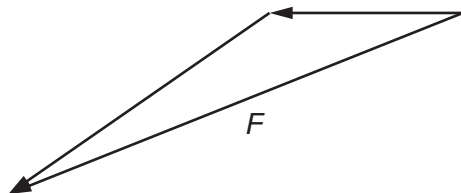
A



B



C



D

