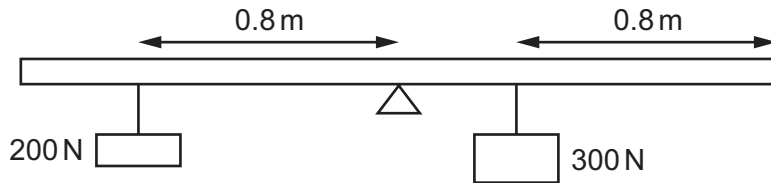


- 11** A rigid uniform bar of length 2.4 m is pivoted horizontally at its midpoint.



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