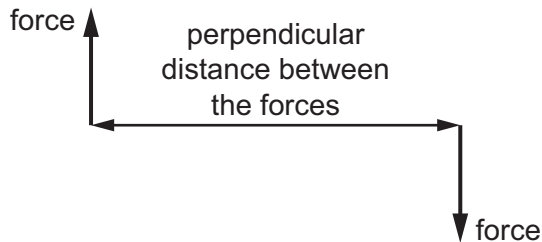


17 The diagram shows a couple.



How is the torque of the couple calculated?

- A** $\frac{1}{2} \times$ perpendicular distance between the forces \times magnitude of one of the forces
- B** perpendicular distance between the forces \times magnitude of one of the forces
- C** perpendicular distance between the forces \times magnitude of the sum of the forces
- D** $2 \times$ perpendicular distance between the forces \times magnitude of one of the forces

18 A ball of mass 1.0 kg is released from rest at a height of 5.0 m. $g = 9.8 \text{ m s}^{-2}$