

MATCH THE TERMS WITH ITS DEFINITIONS

Torque of a couple	• A pair of parallel force, equal in magnitude, acting in opposite directions, where their line of action does not coincide
Momentum	• Rate of change of momentum
Principle of moments	For a body in rotational equilibrium, the sum of clockwise moments about any point is equal to the sum of anticlockwise moments about the same point • any point is equal to the sum of anticlockwise moments about the same point
Principle of conservation of momentum	Product of one of the force and the perpendicular distance between the forces • perpendicular distance between the forces
Work done	• Mass x velocity
Moment	Sum of momentum of a system is conserved provided that no external force acts upon it • conserved provided that no external force acts upon it
Force	• Force x distance moved in the direction of the force
Couple	Force x distance perpendicular to the line of action of force to the pivot point • line of action of force to the pivot point