

Tips

↳ When momentum of a body increase by a factor n , then its kinetic energy increased by factor n^2

↳ Potential energy of a system increases when a conservative force does work on it.

↳ Kinetic energy is always +ve.

↳ For conservative forces work done against along a closed path is zero.

↳ Kinetic energy can not change if the force acting on a body is perpendicular to instantaneous velocity.