

Name : _____ Grade/Year : _____ Subject : Physics

School's Name : _____ Date : _____ Marks obtained :

Choose the correct answer from 4 options and circle the correct one.

- The product of force and distance is known as
 - moment
 - Work
 - momentum
 - Power
- When you multiply force with distance, you can find
 - Power
 - Force
 - Work
 - None of the answers
- Work done divided by the time taken gives.
 - pressure
 - Power
 - density
 - energy
- Energy transfer measures the amount of.
 - Power
 - Energy
 - force
 - work
- What enables an object to do work?
 - Pressure
 - Energy
 - momentum
 - force
- An object of mass 2.0 Kg moving at 12.0 m/s will have the kinetic energy of
 - 6 J
 - 48 J
 - 24 J
 - 144 J
- How much work is done on an object of weight 58.0N when it is dragged for 10.0m?
 - 5800.0 J
 - 28.0 J
 - 580.0 J
 - 58.0 J
- A shopping trolley of a mass of 35.0 Kg is enforced to move with a velocity of 6.0 m/s. How much work is done by the trolley?
 - 630.0 J
 - 36.0 J
 - 1,260.0 J
 - 126.0 J