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| 1. What is the unit of force in the SI system? | 9.8 m/s ² |
| 2. What is the speed of light in a vacuum? | $W=F*\Delta x$ |
| 3. For every action, there is an equal and opposite reaction | $F=ma$ |
| 4. What is the unit of energy in the SI system? | Newton (N) |
| 5. What do we call the energy an object has due to its motion? | Newton's Third Law of Motion |
| 6. What is the acceleration due to gravity on Earth? | 300,000,000 m/s |
| 7. What is the formula for calculating work done? | Inertia |
| 8. The name of the force that pulls objects towards the center of the Earth? | Kinetic energy |
| 9. What is the term for the resistance of an object to a change in its state of motion? | Joule (J) |
| 10. What is the formula for calculating the force acting on an object? | Gravitational force |