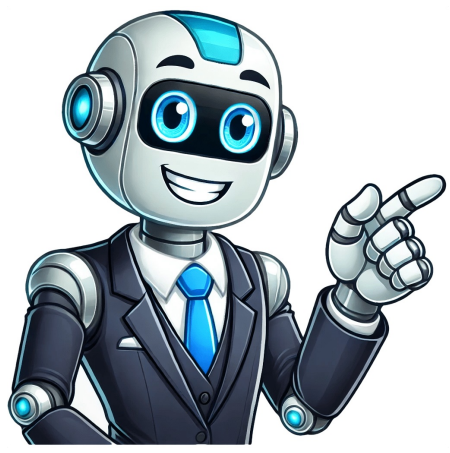


I'm not a robot



[illegible]

Formula: The pressure is defined as the amount of force applied per unit area of the object. $P=\frac{F}{A}$ \) Where, P Pressure F Force applied A Total Area of the object 8) Kinetic Energy formula: Kinetic energy is the energy that is possessed by a body due to its state of motion. $E=\frac{1}{2}mv^2$ \) Where, E Kinetic Energy m Mass of the body v The velocity with which the body is traveling 9) Ohms Law Formula: Ohms law says that the current running through some conductor material is directly proportional to the potential difference between two endpoints of the conductor. $V=I \times R$ Where, V Voltage measured in Volts I Electric current flowing through the conductor in amperes. R The resistance of the material in ohms. 10) Frequency Formula: Frequency is the revolutions completed per second or as the number of wave cycles. $f=\frac{V}{\lambda}$ \) Where, f Frequency of the wave V Velocity or wave speed λ . λ The wavelength of the wave Final Words This is the list of some of the important physics formulas that are used by all class students mostly to solve physics problems. Every branch of physics theory is replaced with countless formulas. If you grasp the underlying theory behind the formulas then physics will be easier for you. So, don't just mug up the physics formulas mentioned here for the sake of exams, understand them, and relate them with every physics concept and be a creative student in your class. If you need Maths and Chemistry Formulas list to solve problems easily and score better marks in the final board exams, then visit our site and get an updated list of formulas and equations for better preparation. Frequently Asked Questions on Physics Formulas 1. Where can I find all the formulas of Physics? You can discover all major and commonly used physics formulas from the above list provided over here and whenever you need them, you can use them for free within no time. 2. What are the major formulas in physics? Basic Formulas in Physics are provided below for the sake of students. So, let us have a loot at them before solving the physics problems: $v=u+at$ $s=ut+\frac{1}{2}at^2$ $v^2-u^2=2as$ $F=ma$ $P=\text{force/area}$ 3. How Can I learn Scientific Formulas? One of the finest ways to understand and learn the physics formulas is practicing & memorizing the derivation of the formula. Solve the example sums with the formula and read the formulas fluently in a day. Use the memory palace and jot down all the formulas in an understandable way and memorize them easily. 4. How to Memorize Physics Formulas? There are four three steps you should follow to memorize all physics formulas. They are as under Using Mnemonic Devices Understanding Each Formula Taking Care of Your Body 5. What are the tips to learn Physics Formulas? Below are furnished top tips to quickly learn several Physics formulas: Practice concentration Relax your brain Practice as much as you can Minimize your reference checks Understand the basic concept of the formula Keep away with all distractions Learn the derivation of every formula Use memorizing tricks