

| Base Quantity | SI Unit | Symbol For SI Unit |
|--------------------------------|-----------------------------|---------------------------|
| Length | Meter | m |
| Mass | Kilogram | kg |
| Time | Second | s |
| Luminous Intensity | Candela | cd |
| Amount Of Substance | Mole | mol |
| Area | Meter Square | m ² |
| Volume | Meter Cube | m ³ |
| Speed | Meters Per Second | m/s |
| Displacement | Meter | m |
| Velocity | Meter Per Second | m/s |
| Acceleration | Meter Per Second Per Second | m/s ² |
| Force | Newton | N |
| Weight | Newton | N |
| Gravitational Field Strength | Newton Per Kilogram | N/kg |
| Density | Kilogram Per Cubic Meter | kg/m ³ |
| Moment Of A Force | Newton Meter | Nm |
| Energy | Joule | J |
| Work Done | Joule | J |
| Kinetic Energy | Joule | J |
| Gravitational Potential Energy | Joule | J |
| Height | Meters | m |
| Power | Watts | W |
| Pressure | Pascal | Pa |
| Density | Kilogram Per Meter Cube | kg/m ³ |
| Temperature | Kelvin | K |
| Heat | Joule | J |

| Base Quantity | SI Unit | Symbol For SI Unit |
|--------------------------------------|---------------------------------------|---------------------------|
| Heat Capacity | Joule Per Degree Celsius | $J/^{\circ}C$ |
| Heat Capacity | Joule Per Kelvin | J/K |
| Specific Heat Capacity | Joule Per Kilogram Per Degree Celsius | $J/kg^{\circ}C$ |
| Specific Heat Capacity | Joule Per Kilogram Per Kelvin | J/kgK |
| Latent Heat Of Fusion | Joule | J |
| Specific Latent Heat Of Fusion | Joule Per Kilogram | J/kg |
| Latent Heat Of Vaporization | Joule | J |
| Specific Latent Heat Of Vaporization | Joule Per Kilogram | J/kg |
| Frequency | Hertz | Hz |
| Sound | Decibels | dB |
| Electric Charge | Coulombs | C |
| Electric Current | Ampere | A |
| Voltage | Volts | V |
| Resistance | Ohms | Ω |
| Potential Difference | Volts | V |