

|  |  |  |
| --- | --- | --- |
| **Prefix** | **Symbol** | **Exponential** |
| tera | T | 1012 |
| giga | G | 109 |
| mega | M | 106 |
| kilo | k | 103 |
| hecto | h | 102 |
| deka | D or da | 101 |
| ----- | ----- | 100 |
| deci | d | 10-1 |
| centi | c | 10-2 |
| milli | m | 10-3 |
| micro | μ | 10-6 |
| nano | n | 10-9 |
| pico | p | 10-12 |



|  |  |  |  |
| --- | --- | --- | --- |
| **Quantity** | **Quantity Symbol** | **Unit Name** | **Unit abbreviation** |
| Length | l | meter | m |
| Mass | m | kilogram | kg |
| Time | t | second | s |
| Temperature | T | kelvin | K |
| Amount of a Substance | n | mole | mol |
| Electric Current | I | ampere | A |
| Luminous Intensity | Iv | candela | cd |



|  |  |  |  |
| --- | --- | --- | --- |
| **Quantity** | **Unit** | **Unit**  **Abbreviation** | **Derivation** |
| Area | square meter | m2 | length x width |
| Volume | cubic meter | m3 | length x width x height |
| Density | kilograms per cubic meter | kg  m3 | mass  volume |
| Speed | meters per second | m  s | length  time |