AILET

The Basic Units of Measurement

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Over centuries, several units have been devised to calculate exact measurement of different kinds. These units can be divided into two kinds—SI units and non SI units. SI units refer to the set of physical units called International System of Units which is used in the scientific world. Non-SI units are all the other units which are commonly used. Knowledge of SI units is important since these are the units majorly used in scientific work and incorrect usage of scientific units can lead to incorrect results in most cases.

Here is a list of **SI units** of quantification for you to study.

1. Meter–Measure of Length
2. Kilogram–Measure of Mass
3. Second–Measure of Time
4. Ampere–Measure of ElectricCurrent
5. Kelvin–Measure of Thermodynamic Temperature
6. Mole–Measure of Amount of Substance
7. Candela–Measure of Luminous Intensity
8. Radian-Measure of Angle
9. Newton-Measure of Force and Weight
10. Hertz– Measure of Frequency
11. Steradian– Measure of Solid Angle
12. Ohm– Measure of Electric Resistance, Electrical Impedanceand Reactance
13. Farad– Measure of Electrical Capacitance
14. Lux– Measure of Illuminance
15. Watt– Measure of Power and Radiant Flux
16. Pascal– Measure of Pressure and Stress
17. Joule– Measure of Energy, Work and Heat

18. Coulomb– Measure of Electric Charge or Quantity of Electricity
19. Siemens– Measure of Electrical Conductance
20. Volt– Measure of Voltage (Electrical Potential Difference) and Electromotive Force
21. Henry– Measure of Inductance
22. Tesla– Measure of Magnetic Field Strength
23. Katal– Measure of Catalytic Activity
24. Gray– Measure of Absorbed Dose of Ionizing Radiation
25. Sievert– Measure of Equivalent Dose of Ionizing Radiation
26. Lumen– Measure of Luminous Flux
27. Weber– Measure of Magnetic Flux
28. Becquerel– Measure of Radioactivity(decays per unit time)
29. Meter square– Measure of Area
30. Meter cube– Measure of Volume
31. Kilogram per cubic meter– Measure of Density
32. Meter per second– Measure of Speed and Velocity
33. Meter per second square– Measure of Acceleration

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