**The three basic (fundamental) quantities in science**

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| **Quantities** | **Definition** | **Instrument** | **Unit** | **S.I. Unit** |
| **Length** | Amount of space between 2 points. | Ruler , 15 cm, 30cm, 1 m ruler | M, mm, cm, kg, nm, dm, feet  inches | Metre (m) |
| **Mass** | Amount of matter in an object. | Triple beam , Top –pan, lever arm balance, Electronic /digital balances | G, kg mg, ng, dg, tonnes,  pounds | KIlograms (kg) |
| **Time** | The span the event last | Watch/ clock  Wall and wrist watch. stop clock , electronic/digital watch, analogue  And a calender | Sec, min, hr, day years, decades e.t.c | Seconds (sec) |