**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/ clockWall and wrist watch. stop clock , electronic/digital watch, analogueAnd a calender | Sec, min, hr, day years, decades e.t.c |  Seconds (sec) |