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| Prefix | Symbol | Value | Examples |
| exa | E | 1018 | 100 light years to Andromeda galaxy  |
| peta | P | 1015 | 4000 digital photos/day for your entire life: also 1.5 million CDs of data storage |
| tera | T | 1012 | Terabyte: a trillionth bits of data or one days worth |
| giga | G | 109 | A billion bits of data |
| mega | M | 106 | FM radio frequencies |
| kilo | k | 103 | Kilometer = 1000 meters of 0.6 miles |
| hecto | h | 102 | 100 liters of milk |
| deka | da | 101 | A form of decatholon (10 events) |
|  |  | 100 = 1 | Number of candy bars per day |
| deci | d | 10-1 | Decimate: one of ten |
| centi | c | 10-2 | Takes 254 of them to make an inch |
| milli | m | 10-3 | Millgram: medicine measure |
| micro | u (mu) | 10-6 | Micro USB  |
| nano | n | 10-9 | Nanosecond |
| pico | p | 10-12 | 1 trillionth of a meter |
| femto | f | 10-15 | Size of a proton |
| atto | a | 10-18 | 1quintillionth of a meter  |
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