

# List of Prefixes in the Metric System

| Prefix           | Symbol | Numerical Value                           | Exponential Value |
|------------------|--------|-------------------------------------------|-------------------|
| quetta           | Q      | 1,000,000,000,000,000,000,000,000,000,000 | $10^{30}$         |
| ronna            | R      | 1,000,000,000,000,000,000,000,000,000     | $10^{27}$         |
| yotta            | Y      | 1,000,000,000,000,000,000,000,000         | $10^{24}$         |
| zetta            | Z      | 1,000,000,000,000,000,000,000             | $10^{21}$         |
| exa              | E      | 1,000,000,000,000,000,000                 | $10^{18}$         |
| peta             | P      | 1,000,000,000,000,000                     | $10^{15}$         |
| tera             | T      | 1,000,000,000,000                         | $10^{12}$         |
| giga             | G      | 1,000,000,000                             | $10^9$            |
| mega             | M      | 1,000,000                                 | $10^6$            |
| kilo             | k      | 1,000                                     | $10^3$            |
| hecto            | h      | 100                                       | $10^2$            |
| deka             | da     | 10                                        | $10^1$            |
| <b>no prefix</b> |        | 1                                         | $10^0$            |
| deci             | d      | 0.1                                       | $10^{-1}$         |
| centi            | c      | 0.01                                      | $10^{-2}$         |
| milli            | m      | 0.001                                     | $10^{-3}$         |
| micro            | μ      | 0.000001                                  | $10^{-6}$         |
| nano             | n      | 0.000000001                               | $10^{-9}$         |
| pico             | p      | 0.0000000000001                           | $10^{-12}$        |
| femto            | f      | 0.00000000000000001                       | $10^{-15}$        |
| atto             | a      | 0.0000000000000000001                     | $10^{-18}$        |
| zepto            | z      | 0.00000000000000000000001                 | $10^{-21}$        |
| yocto            | y      | 0.000000000000000000000000001             | $10^{-24}$        |
| ronto            | r      | 0.0000000000000000000000000000001         | $10^{-27}$        |
| quecto           | q      | 0.000000000000000000000000000000001       | $10^{-30}$        |

# List of Prefixes in the Metric System

| Prefix           | Symbol | Numerical Value                           | Exponential Value |
|------------------|--------|-------------------------------------------|-------------------|
| quetta           | Q      | 1,000,000,000,000,000,000,000,000,000,000 | $10^{30}$         |
| ronna            | R      | 1,000,000,000,000,000,000,000,000,000     | $10^{27}$         |
| yotta            | Y      | 1,000,000,000,000,000,000,000,000         | $10^{24}$         |
| zetta            | Z      | 1,000,000,000,000,000,000,000             | $10^{21}$         |
| exa              | E      | 1,000,000,000,000,000,000                 | $10^{18}$         |
| peta             | P      | 1,000,000,000,000,000                     | $10^{15}$         |
| tera             | T      | 1,000,000,000,000                         | $10^{12}$         |
| giga             | G      | 1,000,000,000                             | $10^9$            |
| mega             | M      | 1,000,000                                 | $10^6$            |
| kilo             | k      | 1,000                                     | $10^3$            |
| hecto            | h      | 100                                       | $10^2$            |
| deka             | da     | 10                                        | $10^1$            |
| <b>no prefix</b> |        | 1                                         | $10^0$            |
| deci             | d      | 0.1                                       | $10^{-1}$         |
| centi            | c      | 0.01                                      | $10^{-2}$         |
| milli            | m      | 0.001                                     | $10^{-3}$         |
| micro            | μ      | 0.000001                                  | $10^{-6}$         |
| nano             | n      | 0.000000001                               | $10^{-9}$         |
| pico             | p      | 0.0000000000001                           | $10^{-12}$        |
| femto            | f      | 0.00000000000000001                       | $10^{-15}$        |
| atto             | a      | 0.0000000000000000001                     | $10^{-18}$        |
| zepto            | z      | 0.00000000000000000000001                 | $10^{-21}$        |
| yocto            | y      | 0.000000000000000000000000001             | $10^{-24}$        |
| ronto            | r      | 0.0000000000000000000000000000001         | $10^{-27}$        |
| quecto           | q      | 0.000000000000000000000000000000001       | $10^{-30}$        |

# List of Prefixes in the Metric System

| Prefix           | Symbol | Numerical Value                           | Exponential Value |
|------------------|--------|-------------------------------------------|-------------------|
| quetta           | Q      | 1,000,000,000,000,000,000,000,000,000,000 | $10^{30}$         |
| ronna            | R      | 1,000,000,000,000,000,000,000,000,000     | $10^{27}$         |
| yotta            | Y      | 1,000,000,000,000,000,000,000,000         | $10^{24}$         |
| zetta            | Z      | 1,000,000,000,000,000,000,000             | $10^{21}$         |
| exa              | E      | 1,000,000,000,000,000,000                 | $10^{18}$         |
| peta             | P      | 1,000,000,000,000,000                     | $10^{15}$         |
| tera             | T      | 1,000,000,000,000                         | $10^{12}$         |
| giga             | G      | 1,000,000,000                             | $10^9$            |
| mega             | M      | 1,000,000                                 | $10^6$            |
| kilo             | k      | 1,000                                     | $10^3$            |
| hecto            | h      | 100                                       | $10^2$            |
| deka             | da     | 10                                        | $10^1$            |
| <b>no prefix</b> |        | 1                                         | $10^0$            |
| deci             | d      | 0.1                                       | $10^{-1}$         |
| centi            | c      | 0.01                                      | $10^{-2}$         |
| milli            | m      | 0.001                                     | $10^{-3}$         |
| micro            | μ      | 0.000001                                  | $10^{-6}$         |
| nano             | n      | 0.000000001                               | $10^{-9}$         |
| pico             | p      | 0.0000000000001                           | $10^{-12}$        |
| femto            | f      | 0.00000000000000001                       | $10^{-15}$        |
| atto             | a      | 0.0000000000000000001                     | $10^{-18}$        |
| zepto            | z      | 0.00000000000000000000001                 | $10^{-21}$        |
| yocto            | y      | 0.000000000000000000000000001             | $10^{-24}$        |
| ronto            | r      | 0.0000000000000000000000000000001         | $10^{-27}$        |
| quecto           | q      | 0.000000000000000000000000000000001       | $10^{-30}$        |