Metric system multiples and sub multiples: You need to know the boldfaced prefix, symbol, and factor for exams. The other symbols are there for your edification.

| Prefix | symbol | equivalent | factor |
| :--- | :--- | :--- | :--- |
| atto | a | quintillionth <br> part | $10^{-18}$ |
| femto | f | quadrillionth <br> part | $10^{-15}$ |
| pico | p | trillionth part | $10^{-12}$ |
| nano | n | billionth part | $10^{-9}$ |
| micro | $\mu$ | millionth part | $10^{-6}$ |
| milli | m | thousandth | $10^{-3}$ |
| centi | c | hundredth | $10^{-2}$ |
| deci | d | tenth | $10^{-1}$ |
| deca | da | tenfold | $10^{\prime}$ |
| hecto | h | hundred fold | $10^{2}$ |
| kilo | k | thousand fold | $10^{3}$ |
| mega | M | million fold | $10^{6}$ |
| giga | G | billion fold | $10^{9}$ |
| tera | T | trillion fold | $10^{12}$ |

