

Name _____

Protons, neutrons, and electrons

| Symbol | Name | At # | At Mass | p ⁺ | n ^o | e ⁻ | Charge | Atom or Ion |
|------------------------------|-------------|------|---------|----------------|----------------|----------------|--------|-------------|
| ${}_{15}^{31}\text{P}^0$ | | | | | | | | |
| | Aluminum-27 | 13 | | | | | 0 | |
| ${}_{30}^{67}\text{Zn}^0$ | | | | | | | | |
| ${}_{26}^{56}\text{Fe}^{3+}$ | | | | | | | | |
| | | | 88 | | | 38 | 0 | |
| | | | 30 | 14 | | 14 | | |
| | | | 39 | 19 | | | 1+ | |
| | | | | 11 | 12 | | 0 | |
| | | | | | 64 | 48 | 0 | |
| ${}_{40}^{91}\text{X}^{2-}$ | Ex-91 | | | | | | | |

| Symbol | Name | At # | At Mass | p ⁺ | n ^o | e ⁻ | Charge | Atom or Ion |
|------------------------------|------|------|---------|----------------|----------------|----------------|--------|-------------|
| ${}_{11}^{23}\text{Na}^{1+}$ | | | | | | | | |
| | | | 19 | 9 | | | 1- | |
| | | 82 | | | 12 | | 4+ | |
| | | | | | 6 | | | |
| | | 47 | 109 | | | 46 | | |
| ${}_{3}^7\text{Li}^0$ | | | | | | | | |
| ${}_{16}^{32}\text{S}^{2-}$ | | | | | | | | |
| | | | | 56 | 82 | 54 | | |
| | | 7 | 14 | | | 10 | | |
| ${}_{38}^{86}\text{Sr}^0$ | | | | | | | | |
| | | 28 | 58 | | | | 2+ | |