|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Element** | **Atomic Number** | **Mass Number** | **Protons** | **Neutrons** | **Electrons** | **Charge** | **Most Abundant isotope? (Y/N)** | **Atom, Cation, or Anion** |
|  | 54 |  |  |  |  |  | Y | Atom |
|  |  | 36 |  | 19 |  | -1 |  |  |
|  |  |  | 24 | 29 | 18 |  |  |  |
| Ba |  |  |  |  |  | +2 | Y |  |
|  |  |  |  | 35 | 28 | +1 |  |  |
|  | 15 |  |  | 17 | 18 |  |  |  |
|  |  | 184 |  | 110 | 68 |  |  |  |
|  |  |  |  |  | 53 | 0 | Y |  |
|  |  | 74 |  | 42 | 28 |  |  |  |
|  |  |  | 25 | 30 | 21 |  |  |  |
|  |  |  |  |  | 36 | -2 | Y |  |
|  |  |  |  | 16 | 18 | -3 |  |  |
|  |  | 239 | 92 |  |  |  |  | Atom |

**Atomic Structure Practice Worksheet**