**Name: Period:**

**PSB Unit 1 – Matter**

**Atomic Structure Practice**

*Using the given information, fill in the missing information.*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Element** | **Symbol** | **Atomic Number** | **Protons** | **Neutrons** | **Electrons** | **Mass Number** |
| Hydrogen |  |  |  |  |  |  |
|  | S |  |  |  |  |  |
|  |  | 13 |  |  |  |  |
|  |  |  | 26 |  |  |  |
|  |  |  |  |  | 20 |  |
|  |  |  |  | 120 |  | 200 |
| Gold |  |  |  |  |  | 198 |
|  | Br |  |  |  |  |  |
|  |  | 7 |  |  |  |  |
|  |  |  | 56 |  |  |  |
|  |  |  |  |  | 3 |  |
|  |  |  |  |  |  | 16 |
| Zinc |  |  |  | 36 |  |  |
|  | Co |  |  |  |  |  |
|  |  | 9 |  |  |  |  |
|  |  |  | 5 |  |  |  |
|  |  |  |  |  | 14 |  |
|  |  |  | 92 | 146 |  |  |
|  |  |  |  |  | 6 | 13 |
|  |  | 12 |  |  |  |  |