# ATOMIC MATH WORKSHEET

Determine the missing details of the following elements using the information provided.

| 12 | 5 | 30 |
|---|---|---|
| **Mg** | **B** | _____ |
| _____ | _____ | **Zinc** |
| 24.305 | 24.305 | 24.305 |

| | | |
|---|---|---|
| Atomic Number = _____ | Atomic Number = _____ | Atomic Number = _____ |
| Atomic Mass = _____ | Atomic Mass = _____ | Atomic Mass = _____ |
| Number of Protons = _____ | Number of Protons = _____ | Number of Protons = _____ |
| Number of Neutrons = _____ | Number of Neutrons = _____ | Number of Neutrons = _____ |
| Number of Electrons = _____ | Number of Electrons = _____ | Number of Electrons = _____ |

| 1 | 9 | 79 |
|---|---|---|
| **H** | _____ | _____ |
| _____ | **Fluorine** | **Gold** |
| 1.008 | 18.998 | 196.967 |

| | | |
|---|---|---|
| Atomic Number = _____ | Atomic Number = _____ | Atomic Number = _____ |
| Atomic Mass = _____ | Atomic Mass = _____ | Atomic Mass = _____ |
| Number of Protons = _____ | Number of Protons = _____ | Number of Protons = _____ |
| Number of Neutrons = _____ | Number of Neutrons = _____ | Number of Neutrons = _____ |
| Number of Electrons = _____ | Number of Electrons = _____ | Number of Electrons = _____ |

# ATOMIC MATH WORKSHEET

Answers

| 12 | 5 | 30 |
|---|---|---|
| Mg | B | Zinc |
| Magnesium | Boron | Zinc |
| 24.305 | 24.305 | 24.305 |

| | | |
|---|---|---|
| Atomic Number = 12 | Atomic Number = 5 | Atomic Number = 30 |
| Atomic Mass = 24.305 | Atomic Mass = 10.81 | Atomic Mass = 65.39 |
| Number of Protons = 12 | Number of Protons = 5 | Number of Protons = 30 |
| Number of Neutrons = 12 | Number of Neutrons = 6 | Number of Neutrons = 35 |
| Number of Electrons = 12 | Number of Electrons = 5 | Number of Electrons = 30 |

| 1 | 9 | 79 |
|---|---|---|
| H | F | Au |
| Hydrogen | Fluorine | Gold |
| 1.008 | 18.998 | 196.967 |

| | | |
|---|---|---|
| Atomic Number = 1 | Atomic Number = 9 | Atomic Number = 79 |
| Atomic Mass = 1.008 | Atomic Mass = 18.998 | Atomic Mass = 196.967 |
| Number of Protons = 1 | Number of Protons = 9 | Number of Protons = 79 |
| Number of Neutrons = 0 | Number of Neutrons = 10 | Number of Neutrons = 118 |
| Number of Electrons = 1 | Number of Electrons = 9 | Number of Electrons = 79 |