Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_

Chemistry Practice

1. Fill in the table:

|  |  |  |  |
| --- | --- | --- | --- |
| **Element** | **# protons** | **# electrons** | **Charge** |
| Oxygen | 8 | 10 |  |
| Lithium | 3 |  | +1 |
| Magneisum |  | 10 | +2 |
| Bromine | 35 | 36 |  |
| Aluminum |  | 10 | +3 |

1. What is the name of the bond that forms between two charged atoms?
2. How many…
3. Carbon atoms in 6CO2?
4. Oxygen atoms in 6CO2?
5. Hydrosulfuric acid has the formula H2SO4. How many molecules of hydrosulfuric acid are there in 7H2SO4?
6. How many hydrogen atoms in 7H2SO4?
7. How many sulfur atoms in 7H2SO4?
8. How many oxygen atoms in 7H2SO4?
9. What is the relationship between an element and an atom?
10. Is water a compound or a molecule? **Explain your answer.**