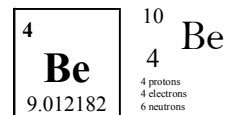


CHEMISTRY HOMEWORK SHEET

NAME _____



Compare/contrast extensive and intensive physical properties.



Use the table below to answer the following questions:

| Substance | Melting Point(K) | Candle Flame | Bunsen Burner Flame |
|-----------|------------------|------------------------|------------------------|
| A | 600 | Substance melted | Substance melted |
| B | 950 | Substance did not melt | Substance melted |
| C | 1150 | Substance did not melt | Substance melted |
| D | 1400 | Substance did not melt | Substance did not melt |

Minimum temp of candle flame

Maximum temp of candle flame

Minimum temp of Bunsen burner flame

Maximum temp of Bunsen burner flame

List five clues that a chemical change has occurred:

Explain in detail the difference between a physical property and a chemical property.