**Quiz 6A**

# Directions: Answer each of the following questions. Be sure to use complete sentences where appropriate. For full credit be sure to show all of your work. Where appropriate answers should be boxed for clarity, written to the correct number of significant figures, and, include the proper units.

1. Are the following statements true or false (11 points)?

|  |  |  |
| --- | --- | --- |
|  | If you get too much a reagent you should share it or dispose of it the waste container. | True |
|  | When pouring a liquid, you should hold the lids between your fingers and pour away from the label. | True |
|  | Weighing paper full of excess chemicals never should be left by the balances to share with other students. | True |
|  | You don’t need to wear goggle if you are not working with chemicals or flames even if another student is. | False |
|  | The formation of a precipitate is experimental evidence that a chemical reaction has taken place. | True |
|  | Strong and weak acids dissociate about 100%. | False |
|  | You can estimate 3 mL of each solution before mixing them in the Double Displacement Experiment. | True |
|  | A thermometer can be used as a stir rod. | False |
|  | Reactions that give off poisonous gases will be done in a chemical hood. | True |
|  | If a chemical smells good, you should taste it. | False |
|  | When using a Bunsen burner, always turn on the gas first and then light the match. | False |

1. Name two pieces of evidence you will use in this week’s lab that you will use to determine if a chemical reaction has taken place (2 points).

Formation of a precipitate; formation of a gas; evolution of heat

1. Where does the waste for this week’s experiment go (2 points)?

The waste for the Double Displacement Reaction goes in the inorganic waste container.