

**EVIDENCE OF A CHEMICAL REACTION LAB**

Name \_\_\_\_\_

**Procedure:** Put 3-4 drops of each of the following solutions into a well on the reaction tray. Record any evidence of a reaction. If you mix more than two solutions, mix them in the order given and record two observations.

| MIX SOLUTIONS | OBSERVATION | MIX SOLUTIONS | OBSERVATION |
|---------------|-------------|---------------|-------------|
| 1 & 2         | _____       | 10 & 4        | _____       |
| 2 & 3         | _____       | 10 & 11       | _____       |
| 4 & 5         | _____       | 1 & 12        | _____       |
| 4, 5 & 2      | _____       | 1, 3 & 7      | _____       |
| 1 & 6         | _____       | 5 & 11        | _____       |
| 7 & 8         | _____       | 5, 11 & 2     | _____       |
| 5 & 9         | _____       | 10 & 9        | _____       |
| 5, 9 & 7      | _____       | 2 & 8         | _____       |
| 13 & 11       | _____       | 13 & 4        | _____       |
| 1, 14 & 7     | _____       | 8, 1 & 7      | _____       |

**Part A: Looking for similar changes**

Study the observations listed above. Find combinations of solutions that give the same observations. State the observation and the combinations of solutions that gave the same observation. List the combinations of two solutions separately from the combinations of three solutions.

| OBSERVATION | COMBINATION OF SOLUTIONS |
|-------------|--------------------------|
| A. _____    | _____                    |
| B. _____    | _____                    |
| C. _____    | _____                    |
| D. _____    | _____                    |
| E. _____    | _____                    |
| F. _____    | _____                    |
| G. _____    | _____                    |
| H. _____    | _____                    |

