

Chem I

Name \_\_\_\_\_

Date \_\_\_\_\_ Per \_\_\_\_\_

### Worksheet # 10: Physical and Chemical Changes and the Periodic Table

#### I. The Demos

1. In the space below, draw the set-up for the distillation of ethyl alcohol. Label the two physical changes that occur when the distillation was happening.

2. What about water and alcohol makes separating them possible? \_\_\_\_\_

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3. In the space below, draw the set-up for the electrolysis demo. Label the one chemical change that occurred while the electrolysis was happening

#### II. The Periodic Table

1. Vertical columns on the periodic table are called \_\_\_\_\_ or \_\_\_\_\_,  
and horizontal rows across the periodic table are called \_\_\_\_\_.