Nuts & Bolts: Putting it All Together

**Materials:** 9 Petri dishes with nuts, bolts, and washers.

1. **DO NOT OPEN THE VIALS**
2. Each petri dish “represents” an element, compound or mixture. Use the chart to complete the following:
   1. **DRAW** the items in the dish
   2. Decide if the substance is a “representative” of an element, compound or mixture & **CIRCLE** your choice.
   3. **WRITE** an explanation for your choice.
   4. Decide what each dish would represent for real and **WRITE** your real example.
3. Then on the back **MAKE** an analogy of the concept of elements, compounds, and mixtures from your daily life.

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| Container | Drawing | Circle ONE; | Explanation | Real Life |
| A |  | Element  Compound  Mixture |  |  |
| B |  | Element  Compound  Mixture |  |  |
| C |  | Element  Compound  Mixture |  |  |
| D |  | Element  Compound  Mixture |  |  |
| E |  | Element  Compound  Mixture |  |  |
| F |  | Element  Compound  Mixture |  |  |
| G |  | Element  Compound  Mixture |  |  |
| H |  | Element  Compound  Mixture |  |  |
| I |  | Element  Compound  Mixture |  |  |