

# Matter Classification with Nuts and Bolts

**Materials:** Pictures of Petri dishes A - J, containing a collection of nuts, washers, and bolts.

**Procedure:**

The contents of each petri dish represents a substance. Each object in the dish (nut/bolt/washer) represents an atom. For each Petri dish determine if the collection of objects represents an element, a compound, or a mixture. Record your observations in the table below.

Petri Dish	Element, Compound, or Mixture?	<b><i>If this is a mixture, what is the mixture composed of?</i></b> (2 elements, 2 compounds, or 1 element and 1 compound) If it's not a mixture, just leave this box BLANK
A		
B		
C		
D		
E		
F		
G		
H		
I		
J		