

name: _____
lab partner: _____



Separating Mixtures Assessment (or the Un-making of a Pizza)

Your Challenge:

Separate the (heterogeneous) mixture of 4 substances based on what you know about different substances and differences in **solubility, density, and other physical properties**.

How will you Separate the Mixture (*What will your procedure be?*):

Your Conclusions:

For all substances:

- Describe the physical appearance and other physical properties for each of the substances in the mixture.
(Think: color, soluble, insoluble, crystals, magnetism, density)
- Tell how you were able to separate them from the original mixture.
- Guess as to what you think this substance is (we have seen all of these in one form or another before...)

Substance 1:

Substance 2:

Substance 3:

Substance 4: