

Elements, Compounds, and Mixtures Homework

- 1) Identify three things in your house that are pure elements:
- 2) Identify three pure chemical compounds in your house:
- 3) Identify three things in your house that are homogeneous mixtures:
- 4) Identify three things in your house that are heterogeneous mixtures:
- 5) Separate one of the heterogeneous mixtures you mentioned above into its separate components and bring them to class in separate containers. Describe how you did the separation below:
- 6) Explain why you can't separate any of the compounds you listed into their separate components.
- 7) Bonus: Separate one of the homogeneous mixtures that you described above and bring the parts into class. Describe how you did the separation on the back of this sheet.