

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 **take a picture** of both the original mixture and the individual components. 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) Take a picture of one of the homogeneous mixtures above. Separate one of the homogeneous mixtures that you described above and take pictures of the individual parts. Describe how you did the separation.