

Substances, Changes, and Properties Review

- 1) Explain why you can't separate an element into its components.

- 2) How can you tell the differences between the following pairs of substances:
 - Elements and homogeneous mixtures

 - Compounds and elements

 - Homogeneous mixtures and heterogeneous mixtures

- 3) Based on the properties of chemical changes, what physical changes can you think of might falsely convince you that a chemical change is occurring?

- 4) Name three intensive properties of your pet. If you don't have a pet, use a sibling or parent for your example.

- 5) Name three extensive properties of your pet (or sibling, parent, etc).