

Matter and Changes Quiz

Name: Key

Question 1

Indicate whether the following are *physical* or *chemical* changes:

- Cutting a sheet of paper physical
- A metal tool rusting in the rain chemical
- Ice melting in a glass of water physical
- Sugar dissolving in a glass of water physical
- A battery discharging as it is being used chemical

Question 2

Classify each of these substances as one of the following:

Pure Element Pure Compound Homogeneous Mixture Heterogeneous Mixture

- Salt Water Homogeneous mixture
- Helium Gas Pure element
- Sugar Cubes Pure compound
- Silicon Crystal Pure element
- Marble Rye Bread Heterogeneous mixture
- The Air Around Us Homogeneous mixture