

Unit 1 Matter and Energy

1. Identify the following as either chemical or physical
 - a. color of paper
 - b. decay of bananas
 - c. electrical conductivity of copper
2. Identify the following as either chemical or physical
 - a. souring of milk
 - b. dissolving sugar into water
 - c. burning a candle
3. Identify the following as either pure or a mixture
 - a. steam
 - b. salt
 - c. sea water
 - d. distilled water
4. Identify the following as either homogeneous or heterogeneous
 - a. a log
 - b. ground beef
 - c. an egg
 - d. chalk
5. Identify the following as either an element or compound
 - a. iodine
 - b. sulfur dioxide
 - c. carbon
 - d. osmium
6. Identify the following as either an element or compound
 - a. Ni
 - b. NO
 - c. KF
 - d. Cr
7. Identify the following as either endothermic or exothermic
 - a. water freezing
 - b. being burned by a match
 - c. alcohol boiling