

Chapter 14 HW

Review Questions: 9, 19, 20, 23, 24

Exercises: 8, 26, 27, 37, 38

Additional:

1. What is the evidence for the following being examples of chemical change?

- a. Food spoils
- b. An antacid tablet fizzes in water
- c. A ring of scum forms around your bathtub
- d. Iron rusts
- e. A firecracker explodes

2. Which are elements?

- a. Water
- b. Carbon dioxide
- c. Iron
- d. Ozone
- e. Helium
- f. Salt

3. Name the following compounds.

- a. NF_3
- b. NO_2
- c. N_2O
- d. N_2O_4
- e. PCl_3
- f. SCl_6
- g. P_2O_5
- h. KNO_3
- i. H_2SO_4