

Chapter 15 HW

Review Questions: 2, 3, 7, 9, 10, 16, 17, 21, 25, 27

Exercises: 3, 4, 5, 7, 9, 15, 18, 20, 21, 23, 27, 33

Additional:

1. Which type of chemical bond is each of the following, ionic, covalent, or metallic?

- a. Allows material to conduct electricity
- b. Electrons are shared among all nuclei
- c. There is a transfer of electrons
- d. The chemical bond is due to the electric force
- e. Electrons are shared between two atoms
- f. A polar bond is formed
- g. NaCl
- h. O₂

2. What causes surface tension?