

Chapter 2 MATTER AND CHANGE WORKSHEET ANSWER KEY

Section 2.1 Properties of matter

1. B
2. A
3. B
4. D
- 5.

Physical state	Definite shape?	Definite volume?	Easily compressed?
Gas	No	No	Yes
Liquid	No	Yes	No
Solid	Yes	Yes	No

6. disregard question
7. disregard question
8.
 - a. Intensive
 - b. Extensive
 - c. Intensive
 - d. Extensive

Section 2.2 Mixtures

1. distillation
2. solution, uniform mixture in a single phase
3.
 - a. Homogeneous
 - b. Heterogeneous
 - c. Heterogeneous
4.
 - a. Substance
 - b. Mixture
 - c. Mixture
 - d. Substance

Section 2.3 Element and compounds

1. nitrogen and hydrogen
2.
 - a. Lead
 - b. Potassium
 - c. Gold
 - d. Iron
3.
 - a. Compound
 - b. Compound
 - c. Element
 - d. Mixture
4.
 - a. Sn