**Lesson 1-4 Test Study Guide Answers**

**Identifying Substances:**

1. Element
2. Compound
3. Mixture
4. Mixture
5. Mixture
6. Compound
7. Element
8. Mixture
9. Compound
10. Element

**Short Answer:**

Solute: Powder

Solvent: Water

**Matching definitions**:

1. F
2. G
3. C
4. D
5. A
6. E
7. B
8. Elements, Compounds and Mixtures
9. Atoms
10. B. 100
11. Different
12. Chemically
13. Different
14. Metal
15. Chemical
16. Physical
17. Pure
18. Magnetism, filtering, boiling, and many others
19. Metals and Non-metals
20. Colloid
21. Mixture

**Essay Section**

Similar: Made of Atoms and have elements as part of them

Elements Different: Made only of one substance, one element, not combined with anything else.

Compounds and mixtures Different: Compounds are made up of more than one element, that are chemically combined, while Mixtures are made up of multiple substances that are physically, but not chemically combined.

Examples:

Element: Helium(He) Compound: Salt (NaCl) Mixture: Salt water (NaCl and H2O)