

6.3

6.3 Science and Technology of Metallic Elements Pg 205-214 Name: \_\_\_\_\_

1a) What is metallurgy?

b) Describe the three different processes that make up metallurgy.(extraction, modification, alloying)

2. Distinguish between a mineral and an ore. What is meant by “concentration” and “decomposition”. Which of these two is a physical change and which is a chemical change?

3. Describe the process of “iron smelting”.

4. Describe how metallic properties are modified. How do we benefit from these modifications.