

Name - \_\_\_\_\_

Start time - \_\_ : \_\_

End time - \_\_ : \_\_

**Define the following terms:**

a) Mole \_\_\_\_\_

\_\_\_\_\_

b) Avogadro's number \_\_\_\_\_

\_\_\_\_\_

c) Molar mass \_\_\_\_\_

\_\_\_\_\_

**Discuss the significance of the mole concept in chemistry. Why is it a fundamental concept for understanding the quantitative aspects of chemical reactions?**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Research and list three common laboratory uses of the mole concept.**

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

**Describe Avogadro's number and its relationship to the mole concept.**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

a b c d e f g h i j k l m n o p q r s t u v w x y z