

## 8.1 Practice Problems

Name: \_\_\_\_\_

### 1-Step Stoichiometry

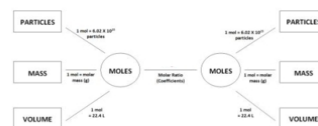
Date: \_\_\_\_\_ Per: \_\_\_\_\_

Solve the following 1-Step stoichiometry problems. To receive credit, you must show all work. Units and substances must be included in the conversion string as well as in the final answer. The final answer must also be rounded to the correct number of sig figs. The first problem has been done for you as an example.

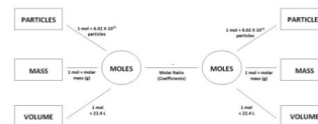
1. Silver and nitric acid react according to the following balanced equation:



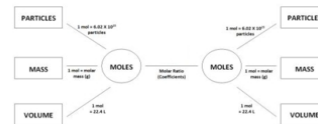
A. How many moles of silver are needed to react with 40 moles of nitric acid?



B. From the amount of nitric acid given in Part A, how many moles of silver nitrate will be produced?



C. From the amount of nitric acid given in Part A, how many moles of water will be produced?



D. From the amount of nitric acid given in Part A, how many moles of nitrogen monoxide will be made?

