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## STOICHIOMETRY

## Vocabulary Review

Match the correct vocabulary term to each numbered statement. Write the letter of the correct term on the line.

## Column A

- \_\_\_\_\_ 1. the starting materials in a chemical reaction
- \_\_\_\_\_ 2. a conversion factor derived from the coefficients of a balanced chemical equation interpreted in terms of moles
- \_\_\_\_\_ 3. the maximum amount of product that could be formed in a reaction
- \_\_\_\_\_ 4. the amount of a substance that contains  $6.02 \times 10^{23}$  representative particles of that substance
- \_\_\_\_\_ 5. the substance completely used up in a chemical reaction
- \_\_\_\_\_ 6. the ratio of how much product is produced compared to how much is expected, expressed as a percentage
- \_\_\_\_\_ 7. the calculations of quantities in a chemical reaction
- \_\_\_\_\_ 8. the actual amount of product in a chemical reaction
- \_\_\_\_\_ 9. the substance left over after a reaction takes place
- \_\_\_\_\_ 10. a stoichiometric computation in which the mass of products is determined from the given mass of reactants

## Column B

- a. mole
- b. stoichiometry
- c. mass-mass calculation
- d. reactants
- e. excess reagent
- f. theoretical yield
- g. limiting reagent
- h. quantity
- i. actual yield
- j. percent yield