

Quiz #4 Review

1. What is stoichiometry?

2. What is meant by a mole ratio?

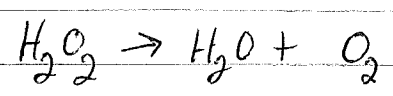
3. What are the possible mole ratios in the equation below?



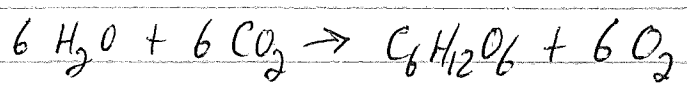
4. Given the equation $\text{NaCl} \rightarrow \text{Na} + \text{Cl}_2$, what are the possible mole ratios?

5. What is meant by mole-to-mole conversions?

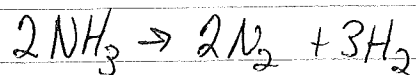
6. Given the following equation, how many moles of H_2O will be formed by 3.3 moles of H_2O_2 ?



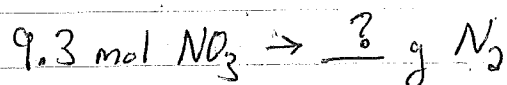
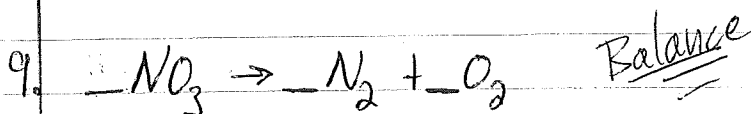
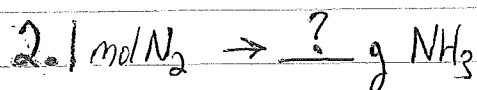
7. Solve for moles of $\text{C}_6\text{H}_{12}\text{O}_6$, when $\text{O}_2 = 12$ moles



8. What is meant by a mole-to-mass conversion?



*Use PT to determine molar mass



10. What is meant by a mass-to-mass conversion?

