

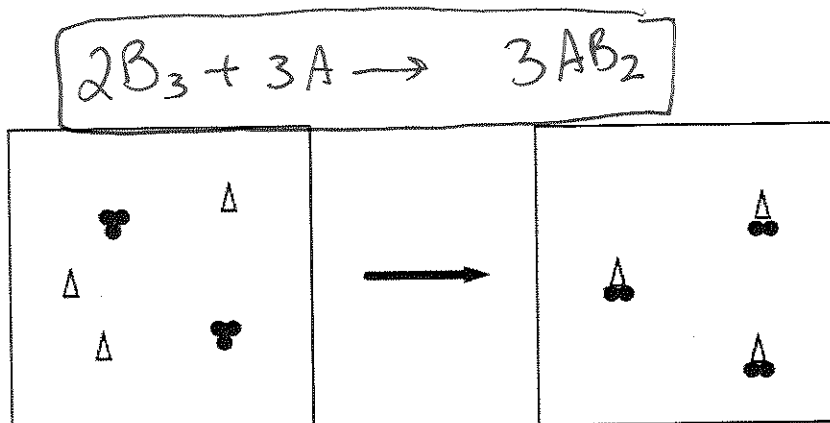
General Chemistry Reactions Practice Test**Multiple Choice**

Identify the choice that best completes the statement or answers the question.

- _____ 1. Using your solubility chart determine if silver sulfate is soluble
a. soluble b. insoluble
- _____ 2. Two metals in contact with each other will never react?
a. true b. false
- _____ 3. Which of the following would be an example of a solubility/double displacement reaction
a. $A + B \Rightarrow AB$
b. $BA \Rightarrow B + A$
 c. $AB + CD \Rightarrow CB + AD$
d. $AB + C \Rightarrow CB + A$
- _____ 4. Sodium Carbonate and silver nitrate react forming a solid and an aqueous substance. What is the aqueous substance?
a. NaCl c. NaNO₃
b. Na₂CO₃ d. AgCO₃
- _____ 5. Using the Law of Conservation of Matter, determine the best answer for the missing substance.
 $\underline{\hspace{2cm}} + 3I_2 \Rightarrow 2NI_3$
 a. N₂ c. NI
 b. 2N d. I₂

Short Answer

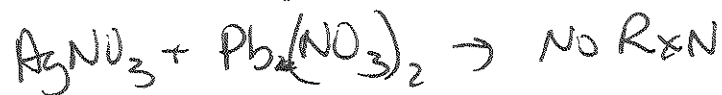
6.

 $\Delta = A$ $\bullet = B$

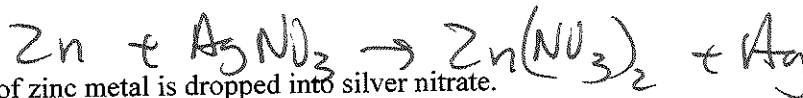
Using the letter above, write out a balanced chemical reaction for the model above.

7. Write out the reactants and products of the following reactions.

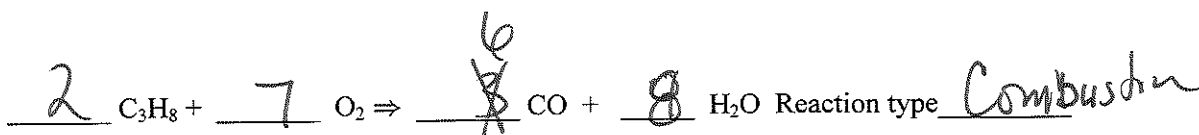
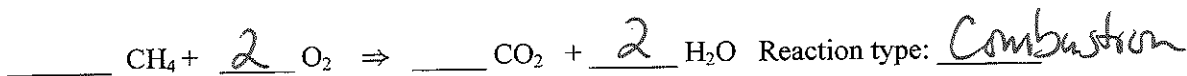
a. A solution of silver nitrate is poured into a solution of lead (II) nitrate.



b. A piece of zinc metal is dropped into silver nitrate.



8. Balance and indicate the type of reaction represented below.



$$\begin{array}{r} 8 \\ 6 \\ \hline 14 \end{array}$$