



## *What I Have Learned*

### SENTENCE COMPLETION

Directions: Complete the group of words to form relevant ideas about the lesson.

- 1-3. According to the collision theory, there are three (3) requirements for a reaction to occur these are \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.
- 4-7. The factors that can affect the rate of reaction are \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.
8. Increasing the concentration of reactants in a solution \_\_\_\_\_ the frequency of collision of particles and the rate of reaction.
9. Increasing the concentration means, there is more of \_\_\_\_\_ in the solution.
10. Increasing the temperature \_\_\_\_\_ the collision of particles.
11. Increasing the temperature \_\_\_\_\_ the kinetic energy of particles.
12. The greater the size of particles, the \_\_\_\_\_ is the surface area.
13. The smaller the size of particles, the \_\_\_\_\_ is the surface area.
14. A catalyst work in speeding up a reaction by \_\_\_\_\_ the activation energy or reaction.
15. A catalyst in the human body is called a/an \_\_\_\_\_.

## WORD BANK

concentration  
enzyme  
catalyst  
enough activation energy

particle size  
proper orientation of molecules  
temperature  
collision of particles