

**Chemistry**  
**Class-9**  
**Chapter-6**  
**Concept of Mole and Chemical counting**  
**Subject teacher- Syeeda Sultana**  
**Work sheet -3**  
**Date-16.08.2020**

**Exercise:**

**Write down the answers** of the following questions on your copy.

**Questions:**

1. What is molar solution?
2. What is molarity?
3. What is meant by semimolar and decimolar solution?
4. Molarity depends on temperature-Explain.
5. Prepare 2L 0.3M NaCl solution.
6. To prepare 2L 0.5M  $\text{H}_2\text{SO}_4$  solution, what amount of solute should be needed?
7. Prepare 2 liter 0.1M  $\text{NaHCO}_3$  solution.
8. Find out the volume of the solution when 20g  $\text{Na}_2\text{CO}_3$  is dissolved to make 0.75M solution.