

Assignment - Chemistry

1. Which of the following is a fundamental concept in chemistry that describes the arrangement of electrons in an atom's energy levels?

- A) LMSAssignmentAPI.Models.QuestionPart
- B) LMSAssignmentAPI.Models.QuestionPart
- C) LMSAssignmentAPI.Models.QuestionPart
- D) LMSAssignmentAPI.Models.QuestionPart

2. Which type of chemical reaction involves the transfer of electrons between species?

- A) LMSAssignmentAPI.Models.QuestionPart
- B) LMSAssignmentAPI.Models.QuestionPart
- C) LMSAssignmentAPI.Models.QuestionPart
- D) LMSAssignmentAPI.Models.QuestionPart

3. What is the name of the process where a solid substance directly converts from a solid state to a gas state without passing through the liquid phase?

- A) LMSAssignmentAPI.Models.QuestionPart
- B) LMSAssignmentAPI.Models.QuestionPart
- C) LMSAssignmentAPI.Models.QuestionPart
- D) LMSAssignmentAPI.Models.QuestionPart

4. Which law states that the total pressure of a gas mixture is equal to the sum of the pressures of each individual gas, if they were to occupy the same volume?

- A) LMSAssignmentAPI.Models.QuestionPart
- B) LMSAssignmentAPI.Models.QuestionPart
- C) LMSAssignmentAPI.Models.QuestionPart
- D) LMSAssignmentAPI.Models.QuestionPart

5. Which acid-base theory is based on the idea that acids donate protons (H^+) while bases accept protons?

- A) LMSAssignmentAPI.Models.QuestionPart
- B) LMSAssignmentAPI.Models.QuestionPart
- C) LMSAssignmentAPI.Models.QuestionPart
- D) LMSAssignmentAPI.Models.QuestionPart