

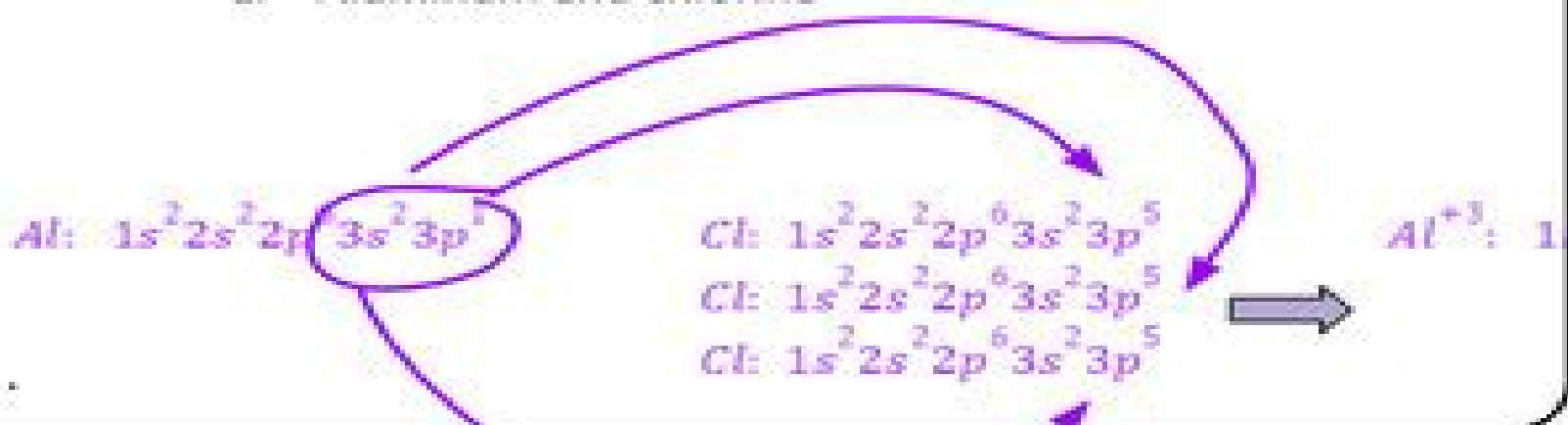


## Chemical Bonding Study Guide

### ANSWER KEY

1. Ionic Bonding Models - For each set of elements given, complete the following:
- The complete electron configurations, with arrows to show how electrons are transferred.
  - Identify which electrons are the valence electrons.
  - Electron dot diagrams, with arrows to show how electrons were transferred and their charges.
  - What noble gas does each ion have the electron configuration of?
  - The formula of the compound and the name (if it is not already given).

a. Aluminum and chlorine



# Chemical Bonding Study Guide Answers

**John A. Olmsted, Gregory M. Williams**

A red circular graphic with a gradient, appearing as a partial circle or a stylized arrow pointing to the right, located to the right of the authors' names.

## Chemical Bonding Study Guide Answers:

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