


**CHAPTER 3****Drawing Ionic Compounds****BLM 1-39**

**Goal** • Demonstrate your knowledge of ionic compounds.

1. In the table below, complete the blanks and draw diagrams to show how each pair of atoms forms bonds. The first example is provided for you.

Number of Electrons in Each Element	Arrangement in Electron Shells	Diagram
NaCl Na <u>11 electrons</u> Cl <u>17 electrons</u>	<u>2,8,1</u> <u>2,8,7</u>	
CaO Ca _____ O _____	_____ _____	
CaF <sub>2</sub> Ca _____ F _____	_____ _____	
K <sub>2</sub> S K _____ S _____	_____ _____	