

**Worksheet: Electron Dot Diagrams and  
Lewis Structures**

Name \_\_\_\_\_

I. Draw Electron Dot Diagrams for the following elements.

lithium

oxygen

neon

magnesium

iodine

boron

sulfur

carbon

phosphorus

II. Draw Lewis Structures for the following molecules.

$\text{PCl}_3$

$\text{CH}_4$

$\text{CH}_3\text{Br}$

$\text{F}_2\text{O}$

$\text{IBr}$

$\text{NH}_2\text{Cl}$