

Name : \_\_\_\_\_ Date : \_\_\_\_\_

# Lewis Dot Structure Worksheet

1. Draw the electron dot structure for the following elements.

Potassium	Gallium	Arsenic
Strontium	Bromine	Germanium
Antimony	Argon	Barium

2. Draw the Lewis structure for the following molecules.

$\text{AlH}_3$	$\text{BrF}_3$	$\text{SiF}_4$
$\text{SO}_3$	$\text{CCl}_4$	$\text{CH}_3\text{Br}$

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# Lewis Dot Structure

## Worksheet

### Answers

Potassium $K\cdot$	Gallium $\cdot Ga \cdot$	Arsenic $:\ddot{As}\cdot$
Strontium $\dot{S}r\cdot$	Bromine $:\ddot{Br}:$	Germanium $\cdot\ddot{Ge}\cdot$
Antimony $:\dot{S}b\cdot$	Argon $:\ddot{Ar}:$	Barium $Ba:$

$AlH_3$ $\begin{array}{c} H - Al - H \\   \\ H \end{array}$	$BrF_3$ $\begin{array}{c} \cdot\ddot{F} - \ddot{Br} - \ddot{F}\cdot \\   \\ \cdot\ddot{F}\cdot \end{array}$	$SiF_4$ $\begin{array}{c} \cdot\ddot{F}\cdot \\   \\ \cdot\ddot{F} - Si - \ddot{F}\cdot \\   \\ \cdot\ddot{F}\cdot \end{array}$
$SO_3$ $\begin{array}{c} \ddot{O} = S = \ddot{O} \\    \\ \ddot{O} \end{array}$	$CCl_4$ $\begin{array}{c} \cdot\ddot{Cl}\cdot \\   \\ \cdot\ddot{Cl} - C - \ddot{Cl}\cdot \\   \\ \cdot\ddot{Cl}\cdot \end{array}$	$CH_3Br$ $\begin{array}{c} \cdot\ddot{Br}\cdot \\   \\ H - C - H \\   \\ H \end{array}$