

**Chapter 2 Problems - *Electrons and the Periodic Table***

For the element indicated, give the multiple choice answer of the correct Lewis structure.

element	a	b	c	d	answer
1. C	$\cdot\dot{\text{C}}:$	$\cdot\ddot{\text{C}}:$	$\ddot{\text{C}}:$	none	_____
2. Br	$\text{Br}\cdot$	$:\ddot{\text{Br}}:$	$:\ddot{\text{Br}}:$	none	_____
3. K	$\text{K}\cdot$	$\text{K}$	$\text{K}:$	none	_____
4. Al	$\text{Al}\cdot$	$\cdot\dot{\text{Al}}\cdot$	$\dot{\text{Al}}:$	none	_____
5. O	$:\ddot{\text{O}}:$	$\cdot\ddot{\text{O}}:$	$\text{☺}$	none	_____
6. N	$\cdot\dot{\text{N}}:$	$\ddot{\text{N}}:$	$\dot{\text{N}}:$	none	_____