

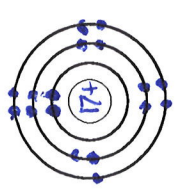
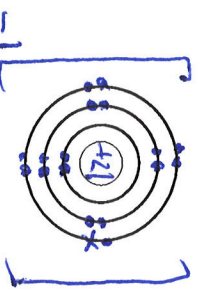
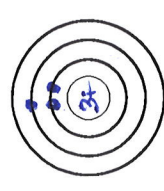
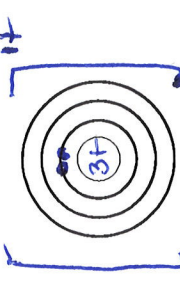
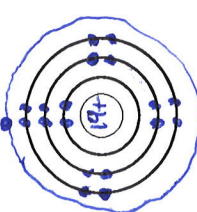
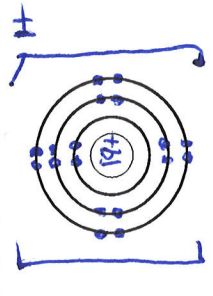
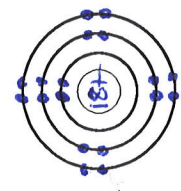
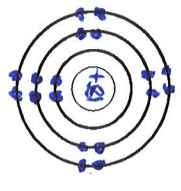
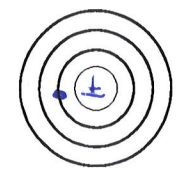
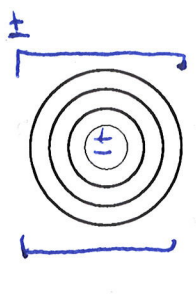
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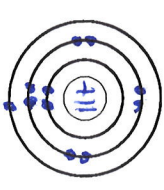
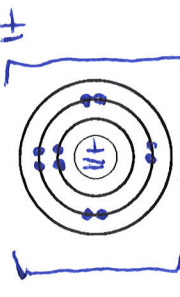
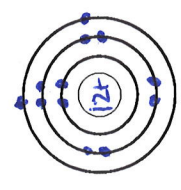
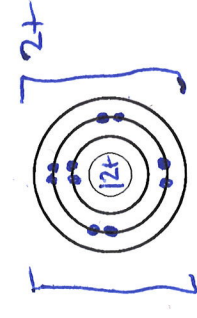
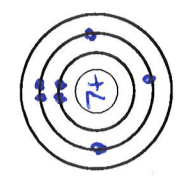
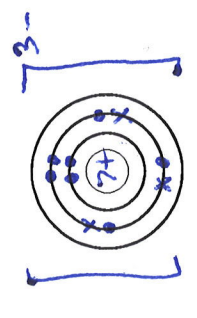
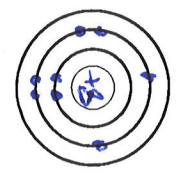
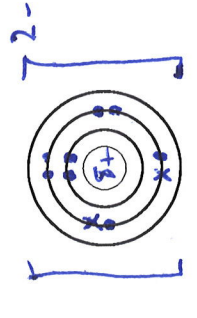
**Ions from the Octet Rule - Assignment**

Please fill in all information as shown in the first line

<b>Atom</b>	<b>Lose/Gain</b>	<b>How Many e<sup>1-</sup></b>	<b>Resulting</b>
${}_{20}\text{Ca}$	lose	2	$\text{Ca}^{2+}$
${}_{16}\text{S}$	gain	2	$\text{S}^{2-}$
${}_{9}\text{F}$	gain	1	$\text{F}^{1-}$
${}_{15}\text{P}$	gain	3	$\text{P}^{3-}$
${}_{3}\text{Li}$	lose	1	$\text{Li}^{1+}$
${}_{56}\text{Ba}$	lose	2	$\text{Ba}^{2+}$
${}_{54}\text{Xe}$	neither	0	Xe
${}_{6}\text{C}$	lose/gain	4/4	$\text{C}^{4+}/\text{C}^{4-}$
${}_{1}\text{H}$	lose	1	$\text{H}^{1+}$
${}_{13}\text{Al}$	lose	3	$\text{Al}^{3+}$
${}_{17}\text{Cl}$	gain	1	$\text{Cl}^{1-}$
${}_{19}\text{K}$	lose	1	$\text{K}^{1+}$
${}_{53}\text{I}$	gain	1	$\text{I}^{1-}$
${}_{7}\text{N}$	gain	3	$\text{N}^{3-}$
${}_{4}\text{Be}$	lose	2	$\text{Be}^{2+}$
${}_{52}\text{Te}$	gain	2	$\text{Te}^{2-}$
${}_{50}\text{Sn}$	lose/gain	4/4	$\text{Sn}^{4+}/\text{Sn}^{4-}$
${}_{8}\text{O}$	gain	2	$\text{O}^{2-}$
${}_{14}\text{Si}$	lose/gain	4/4	$\text{Si}^{4+}/\text{Si}^{4-}$
${}_{88}\text{Ra}$	lose	2	$\text{Ra}^{2+}$
${}_{12}\text{Mg}$	lose	2	$\text{Mg}^{2+}$

SNC 2D1 - Losing and Gaining Electrons (Octet Rule)

	neutral atom	resulting ion
Cl		
Li		
K		
Ar		
H		

	neutral atom	resulting ion
Na		
Mg		
N		
O		
F	