

**SCH 3U - QUIZ**  
**Electron Structures**

1. Write the complete electron configuration for Schlankium, element number 118 (This newly discovered element is a Noble Gas)

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2. Complete either the element symbol or the ending of the electron configuration as appropriate:

Element Symbol	Electron Configuration
${}_{42}\text{Mo}$	
	$4d^{10}$
	$5d^1$
${}_{50}\text{Sn}$	
${}_{92}\text{U}$	
	$5f^2$

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3. Complete the following table as demonstrated:

	Symbol	$e^-$ lose/gain	# of $e^-$	Resulting Ion
eg	Se	gained	2	$\text{Se}^{2-}$
1.	Tl			
2.	Ra			
3.	Cl			
4.	N			
5.	Mg			
6.	Cs			
7.	Br			
8.	Li			
9.	H			
10.	Ge			
11.	Ga			
12.	Al			
13.	Po			
14.	C			
15.	Ca			
16.	Rn			

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