

GHS HONORS CHEMISTRY  
ATOMIC STRUCTURE/IONS WORKSHEET

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_ BLOCK: \_\_\_\_\_

Fill in the blanks in the following table:

Nuclear Symbol	Charge	p <sup>+</sup>	e <sup>-</sup>	n <sup>0</sup>
${}_{10}^{22}\text{Ne}$				
	0	35		46
	0		47	62
${}_{8}^{18}\text{O}$				
${}_{12}^{26}\text{Mg}$		12		
	0		25	31
${}_{29}^{65}\text{Cu}^{+}$				
	2-	16		20
${}_{19}^{41}\text{K}^{+}$		19		
		3	2	4
${}_{50}^{119}\text{Sn}^{2+}$			48	
${}_{16}^{33}\text{S}^{2-}$	2-			17