

# MOLE LAB

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

Block: \_\_\_\_\_

Teacher: WEIR or MURPHY

Station #	Total measured mass (vial+cap+sample) (g)	Mass of vial+cap written on bottom of vial (g)	Calculated NET Molar Mass (g)	Physical description of element	Element Symbol	Molar Mass from Periodic Table (g/mole)
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

## Analysis:

<b>List the elements you examined are METALS? Write their symbols to the right.</b>	
<b>Which of the elements you examined are NON-METALS? Write their symbols to the right.</b>	
<b>How many atoms are in one mole?</b>	
<b>Did each sample represent the same number of atoms?</b>	
<b>Does each sample have the same mass?</b>	
<b>Define molar mass.</b> <i>You must be specific and use a complete sentence to receive credit.</i>	