

4. Using the three possible reaction stoichiometries, calculate the number of moles of metal consumed.

5. Calculate the predicted molar mass of the metal given each of the three possible stoichiometries.

6. Calculate the average and standard deviation for the molar mass over all six trials, for each stoichiometry. Complete the table below, *being sure to supply a caption for the table.*

Table 1.

Trial	Molar Mass if M^+	Molar Mass if M^{2+}	Molar Mass if M^{3+}
1			
2			
3			
4			
5			
6			
Average			
S.D.			

