## Day 1.5: Penny Composition

1. Using the data in the table below, calculate the percentage of zinc in a post-1982 penny.

Mass of Empty Beaker	140.28 g
Mass of Beaker with Pennies before	
reacting with HCl	190.33 g
Mass of Beaker with Pennies after reacting	
with HCl	180.05 g

2. If the accepted value of zinc in a post-1982 penny is 97.5%, calculate the percent error for this experiment.

$$\frac{97.5 - 20.54}{97.5} \times 100 = \frac{78.9\%}{}$$