Calculations

(1) Mass Difference

Mass Difference = Final Mass (g) - Initial Mass (g)

Mass Difference = 5.64g - 3.34g

Mass Difference = 2.30 g

(2) Percent Change in Mass

Percent Change in Mass = Mass Difference(g) x 100%

Initial Mass(g)

Percent Change in Mass = $2.30g \times 100\%$

5.64g

Percent Change in Mass = 40.78%

(3) Average Percent Change in Mass

Average Percent Change in Mass = <u>Average Mass (Group #1) + Average Mass (Group #2)...</u>

Total Number of Groups

Average Percent Change in Mass =

13.52% + 13.92% + 19.67% + 4.96% -3.80% + 15.38% + 24.44% + 23.80% + 18.84%

9

Average Percent Change in Mass = 14.52%