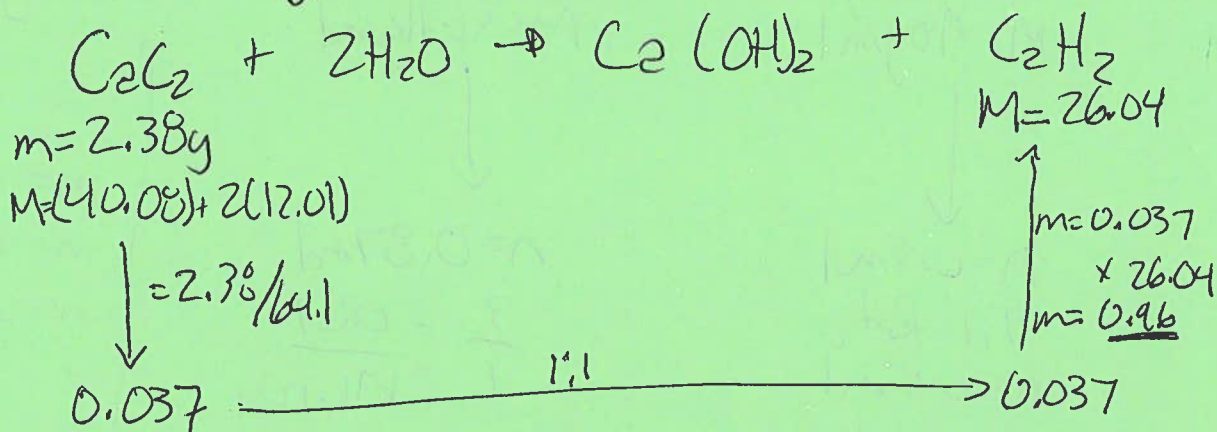


Percent Yield Homework
pg 314 # 51-55

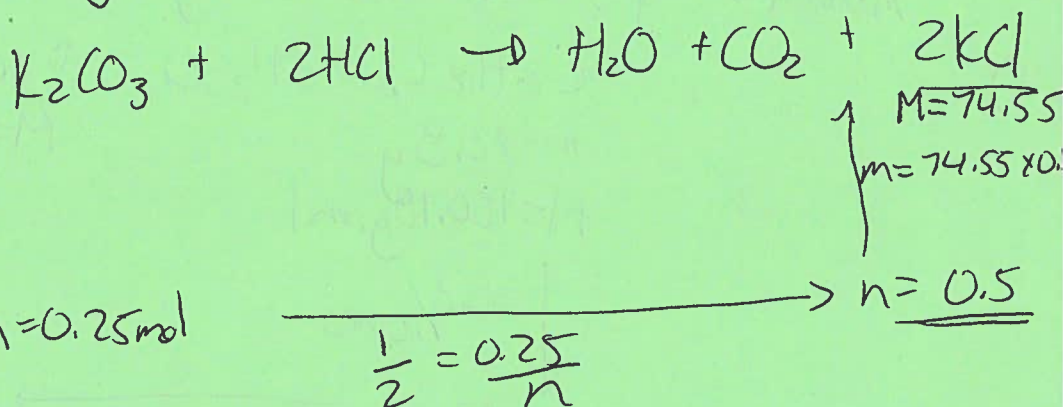
51)



Theoretical = 0.96g
Actual = 0.77g

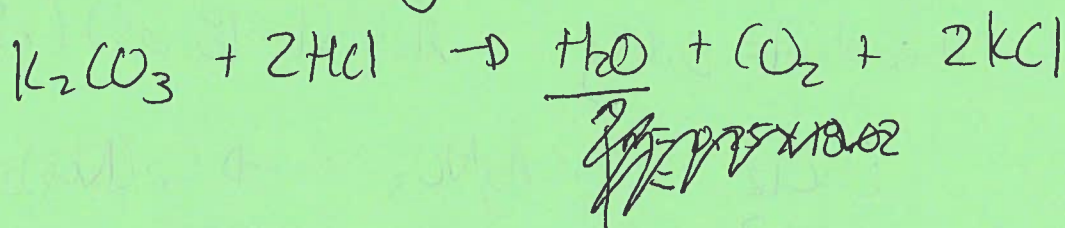
$$\frac{0.77}{0.96} = 80.2\%$$

52.2)



Theoretical = 37.28g

b)



Actual = 0.189mol
Theoretical = 0.25

$$75.6\% \text{ yield} = \frac{0.189}{0.25} = 75.6\%$$