

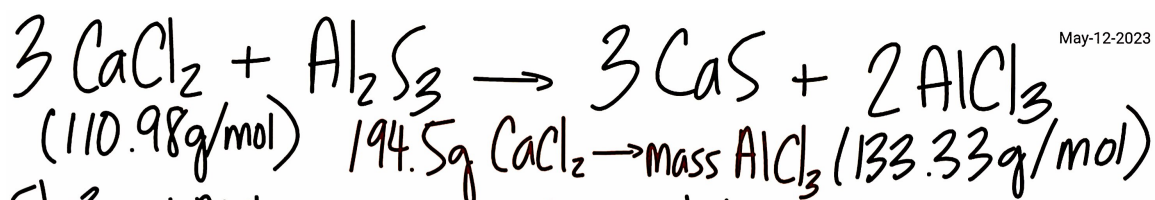
Step 1: mass $\text{CaCl}_2 \rightarrow$ mol CaCl_2 | Step 2: mol $\text{CaCl}_2 \rightarrow$ mol AlCl_3

194.5g CaCl_2	1 mol CaCl_2
	110.98g CaCl_2

= 1.75 mol CaCl_2

1.75mol CaCl_2	2 mol AlCl_3
	3 mol CaCl_2

= 1.17 mol AlCl_3



Step 3: mol $\text{AlCl}_3 \rightarrow$ mass AlCl_3

1.17mol AlCl_3	133.33g AlCl_3
	1 mol AlCl_3

= 155.61g AlCl_3

① start g A	1 mol A
	MM _A (g)
② step 1 mol A	* mol B
	* mol A
③ step 2 mol B	MM _B (g)
	1 mol B