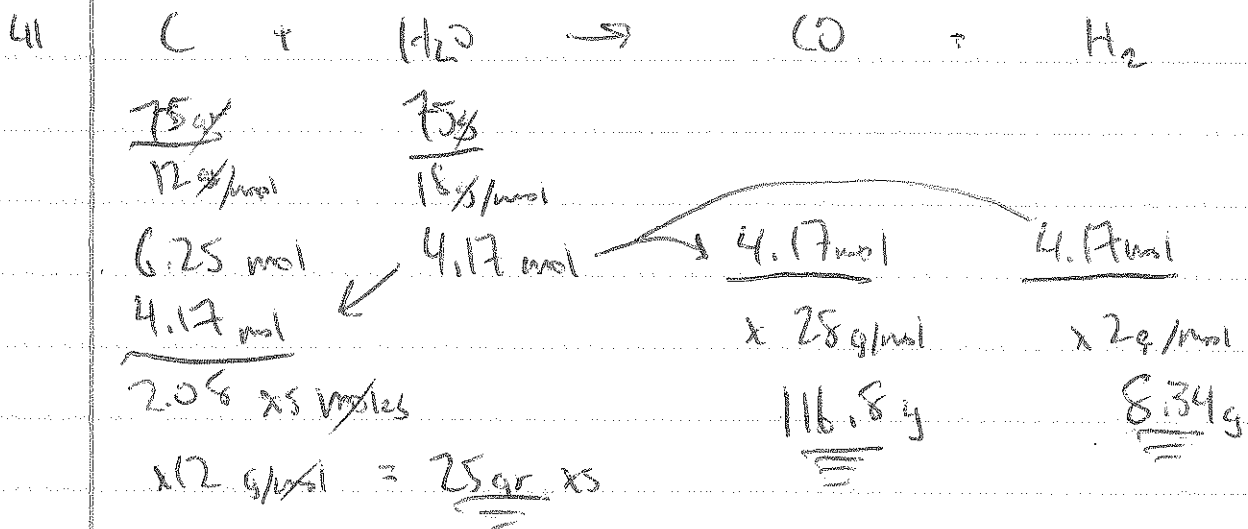
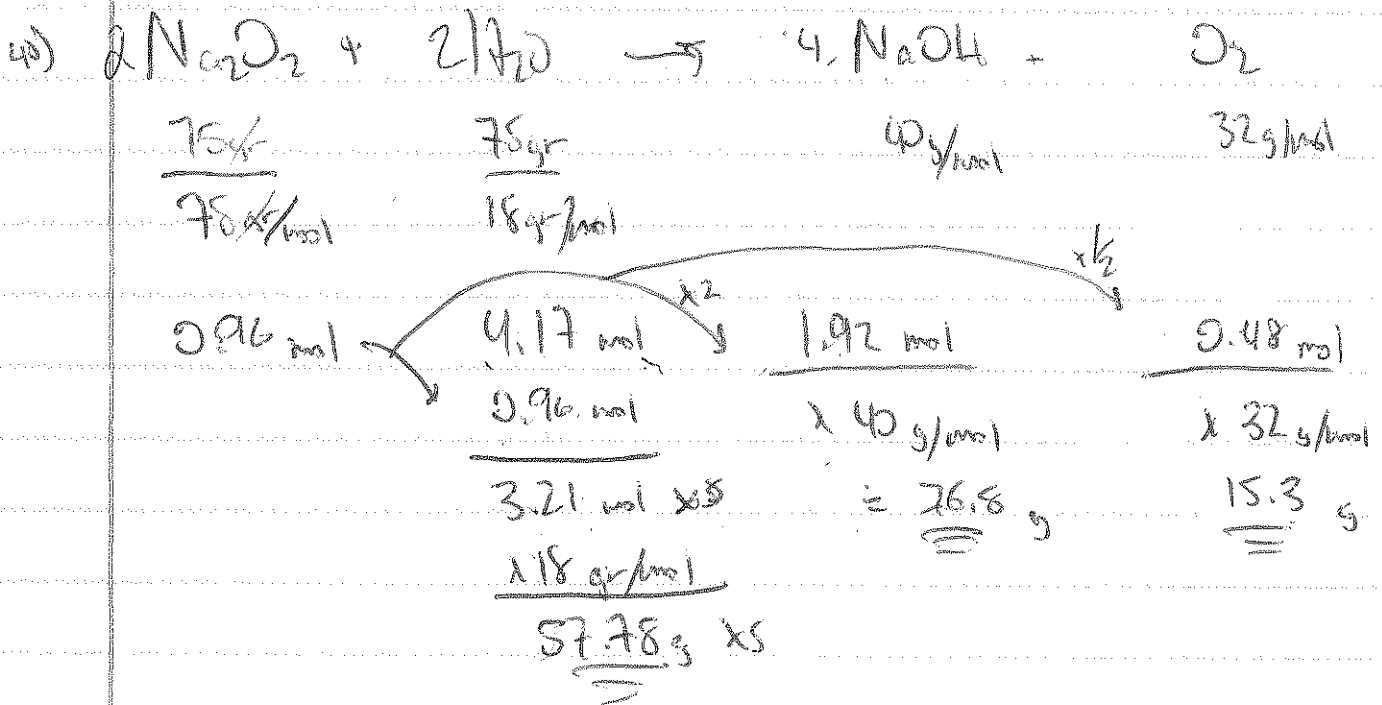
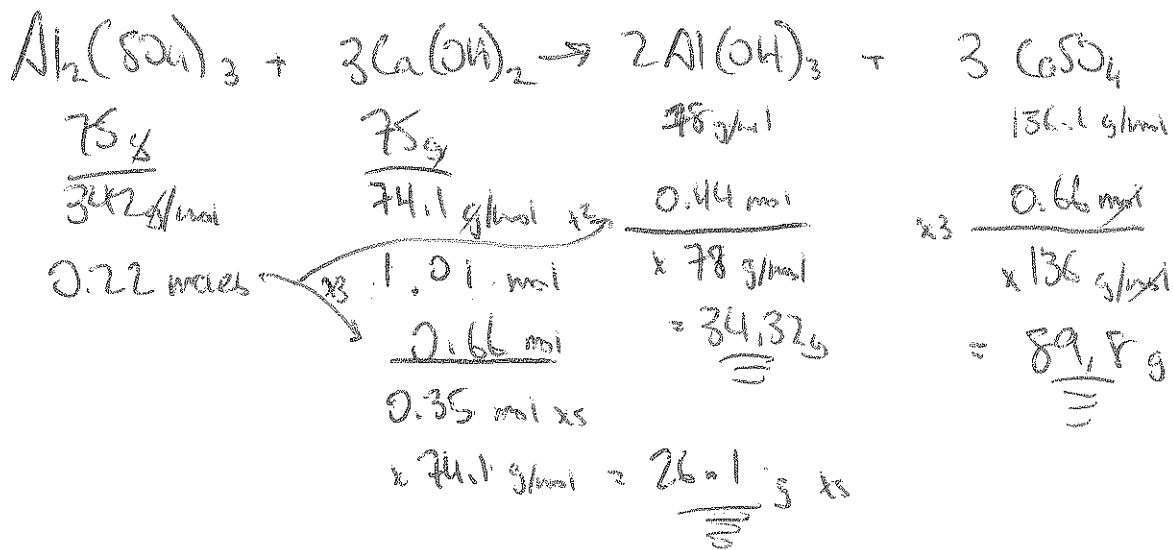


40-50

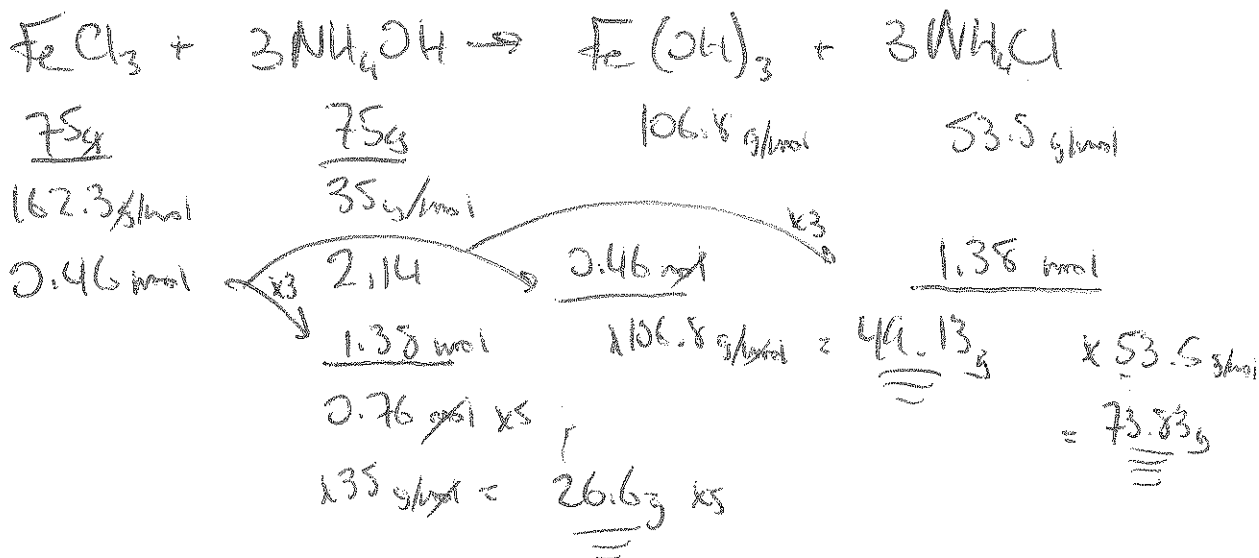
75 gr of each reactant yield how much of each product and what amount of excess



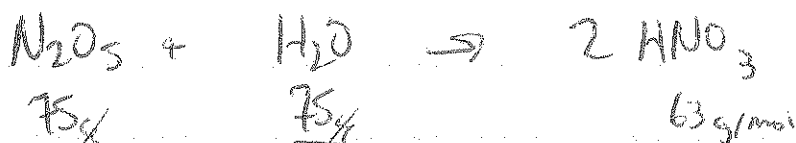
42  
43



44)

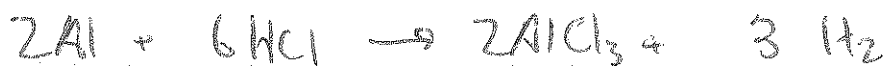


4c)



<u>75g</u>	<u>75g</u>	63g/mol	
136g/mol	18g/mol		
0.55 mol	4.17 mol	12	
	0.55 mol	9	
	3.62 mol x 5		
			11 mol x 63 g/mol = <u>69.3 g/mol</u>
			<u>3</u>
			x 18 g/mol = <u>65.1 g x 5</u>
			<u>3</u>

4d)



<u>75g</u>	<u>75g</u>	133.5g/mol	
27g/mol	36.5g/mol		
2.78 mol	2.05 mol	0.68 mol	
0.68 mol x 2/6			1.025 mol x 2g/mol = <u>2.05 g</u>
			<u>3</u>
			x 133.5 g/mol = <u>90.78 g</u>
			<u>3</u>
			2.1 mol x 5 x 27 g/mol = <u>56.6 g x 5</u>
			<u>3</u>

4e)

4f)



<u>75g</u>	<u>75g</u>	100.9g/mol	
24.3g/mol	28g/mol		
3.09 mol	2.68 mol	1.03 mol	
	1.03 mol		
	1.65 mol x 5		
			x 100.9 g/mol = <u>103.9 g</u>
			<u>3</u>
			x 28 g/mol
			<u>46.2 g x 5</u>
			<u>3</u>

