	AME				
HA	AVE EX	CESS FUN WITH THIS LIM	IITING REACTANT A	CTIVITY (on yo	our own paper)!!!
1)	10.0 grams of sodium phosphate is added to 10.0 grams of sit A) What is the LR? What is the ER? (Remember: for LR and ER, convert each to moles are			Silver nitrate Sodium phosphate	
	B)	What mass of insoluble prod (Remember: this is a stoic		<b>8.21</b> grams	
	C)	What mass of ER reacts? (Remember: this is anothe	r stoich problem)	<b>3.21 grams</b>	
	D)	What mass of ER remains unreacted after the reaction is complete? <b>6.79 grams</b> (Remember: this is simply a subtraction problem)			
2)		grams of nickel (III) oxide is added to 20.0 liters of carbon dioxide gas at STP.  A) What is the LR?  What is the ER?  Carbon dioxide			
	B)	What mass of product forms	? <b>35.8 grams</b>		
	C)	C) What mass or volume of ER reacts? <b>8.1 liters</b> (Note: Answer should be in grams if nickel (III) oxide is excess. Answer should be in L if carbon dioxide is excess.)			
	D)	D) What mass or volume of ER remains unreacted after the reaction is complete?  (Note: Answer should be in grams if nickel (III) oxide is excess. Answer should be in L if carbon dioxide is excess.) 11.9 liters			
3)		of 2.5 M phosphoric acid and What is the LR? What is the ER?	e added to 1.00 gram of Sodium carbonate Phosphoric acid	sodium carbonat	te.
	B)	What volume of gaseous pro	oduct forms?	.21 liters	
	C)	C) What mass or volume of ER reacts?  (Note: Answer should be in grams if sodium in mL if phosphoric acid is excess.)		2.5 ml carbonate is excess. Answer should be	
	D)	What mass or volume of ER (Note: Answer should be in mL if phosphoric acid is	n grams if sodium carbona		

47.5 ml