MP - Mr. Nicas Lab Activity Block					Name						
EXPERIMEN			T COI			Propo	ortions:	Fs	an	d R	
	D	A	T			S	H		3	T	
1.PACK	ET # _		# O	F Fs:_		#	OF R	!			
2. mass	s of Fs	:		g							
4. mass	s of Fs	R sy	nthe	sized:			g				
5. mass	s of ex	cess	s Fs:			g					
6. mass	s of rea	acte	d Fs	!		_ g					
7. mass	of rea							_			
8. How o		_	bove	ratio (comp	oare	witl	1 the	rati	o obt	ained:
9. Does	this ra	atio	depe	end on	the :	amo	ount (of ma	ass :	you v	vere

10. Does this model agree with the Law of Constant Proportions? Explain.

given to work with? Explain.

	11. Would the ratio from # 7 have been the same if the rings were heavier? Explain.			
their	How does the mass of the elements reacted compare to reass before they reacted? What law does this jest?			
EXP	ERIMENT 2:			
2.	mass of FsR ₂ synthesized: g			
3.	mass of reacted Fs: g			
	mass of reacted R: g			
4.	what mass of R would combine with 100 g of Fs? (FsR ₂)			
•	mass of reacted R = mass of R mass of reacted Fs 100 g of Fs			
5.	(from experiment 1) what mass of R would combine with 100 g of Fs? (FsR)			
	mass of reacted R = mass of R mass of reacted Fs 100 g of Fs			
6.	how does your answer in #4 compare with your answer in #5? Explain.			

Pa	rt	2:
Га	IL	Z :

1.	mass of FsR ₃	synthesized:	ç	j
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mass of reacted R: _____ g

3. what mass of R would combine with 100 g of Fs? (FsR_3)

4. how does the answer to the previous question compare with answers 4 and 5 from part 1?

fill in the data from expts 1 and 2 (parts 1 and 2) below

	FsR	FsR ₂	FsR ₃
mass of reacted R (g)			
mass of reacted Fs (g)			
mass of compound synthesized (g)			
mass of R that would combine with 100 g Fs			