Naı	me:			 	Block:				
			Graphing	Data					
<u>General</u> Independent	variable is define	d as:							
Dependent v	ariable is defined	as:							
The x-axis is t	he	AND THE RESERVE OF THE PARTY OF	variab	ole.					
The y- axis is	the		varia	ble.					
What is a slo	pe?					Graph :	1: Mass	s-Volu	ıme
Graph 1:									
Table 1: Mass	s-Volume				***		***************************************		
Mass (g)	Volume (cm ³)	m/v (g/cm ³)							
54.7	20.1	2.72							
65.7	24.4	2.69					***************************************	++	_
83.5	30.0	2.70						1	

The slope for this graph is:

96.3

105.7

Graph 2:

450

The independent variable is:

35.8

39.1

The dependent variable is:

What observations can be made about graph 1:

2.69

2.70

Graph 2: Pressure-Volume

Table 2: Pressure-Volume										
Pressure	Volume (cm³)	PxV								
(kPa)										
100	500	50 000								
150	333	50 000								
200	250	50 000								
250	200	50 000								
300	166	49 800								
350	143	50 100								
400	125	50 000								

49 500

110 The slope for this graph is:

The independent variable is:

The dependent variable is:

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What observations can be	e made about grapl	h 2:												
Conclusion:														
What are the differences	in graph 1 & graph	2:												
STOP: Rest to be done in	next class													
Graph 1 is known as bein	g													
Describe what this mean														
Describe what this mean	is in simplistic term	<b>3.</b>												
Graph 2 is known as bein	_													
Graph 2 is known as bein	g						<b></b> •							
Describe what this mean	s in simplistic terms	s:												
Practice: Graph the data	helow and determi	ine what type of rela	ations	hin 4	avict	tc ha	twaa	n tha	varia	hlac				
riactice. Graph the data	below and determin	me what type of rela	10113	ипр (	CAIS	13 00	LWEE					137	' Ha	f Life
			1								Ţ			
Table 3: Cesium-137 Half	- life										-		-	
Amount of sample (kg)	Time (years)		-			_	-				-			
1.00	30.2													
0.5	60.4												***************************************	
0.25	90.6				e de la companya de l	na januari danca p	SACONAL AND			***************************************			and the second second	
0.125	120.8									T T			-	_
0.0625	151													
The independent variable	le is:				+	-		+			-			
The dependent variable i	is:													
What observations can b	e made about grap	h 3:			-									
The case rations can b	a a a a a a a a a a a a a a a a a	<del></del>			-		-	+						· ·
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