Jame:			Date:			Hour:	Alg 1
Init 5 Day	y 8: Review				De la)=a.b	
Coous Ouest	ion. Do I rememb	er everything	g about exponent.	ial functio	1 617 1		AD U
						1-5	MAN / LAN
. Which tabl	le below shows ex	xponential de	cay?Th	e function	for it is		
A.		B.		•		D.	
1				" v	27	Y	2/
\boldsymbol{x}	y	$\frac{x}{x}$	<i>y</i>	X	500	^	500
0	500	0	100	1	100	1	1 000
1	525		100	1	200	2	2,000
2	550	2	20'	2	200	3	4,000
3	575	3	0.0	1	100	1	8,000
4	600	4	0.8	4			0,000
	inear	EXP	, Decay		mear	CY/C	Gouth
. Two expo	onential decay fun	ctions are rep	oresented below.	Write an e	equation for ea	ch. Then tell	which has the
_	of decay and expl						
100			Function B. A	citrus orcha	ard has 180 ora	nge trees. A fu	ingus attacks the
90	Function A.						
80			tre	ees. One m	onth after the a	ttack there w	ere only 60 trees.
70				wa manthe	after the attac	k thoro word	only 20 trees left.
60				WO IIIOIILIIS	allel life allac	K there were t	my 20 trees left.
40						1-100	/ N / X
30			50 180		TCX	1-100	8
20	(2,25)		VI 60			_ 1/	
10			2120	5		73	rate
	4 6 8 10	42					
						43	
T(K)=	4 5 8 10						7%
						~6	7% 3reate
	1-1/2=	Jane		unct	MR	MAR	
		50%					- Steate
		OIVIC			67		
3. R	aquel decides to in	nvest some m	oney in the stock	of a comp	any. The cor	npany's pros	pectus says
the s	stock averages a y	early rate of r	eturn of 4.5%. If	Raquel in	vests \$2500, h	ow much wil	I she have at .
the e	end of 6 years?				E DEA	M./IL	0.045)
	M. MOW	W Rhol	105	1 CU			U.UTJ
	A A A A A A A A A A A A A A A A A A A			J. V.			1-16
	11 the RC	10000		4(6)	-6-00	0(1.0	
	4.4	Man !					
					37	205	
					THE RESIDENCE OF THE PARTY OF T		