	Identifyin	ng Co	nstan	t of	Pro	porti	onalit	ty (Ta	ubles)	Name:		
eter	mine the constant of p	roport	ionali	ty fo	or ea	ch ta	ble. Ex	xpress	your answ	er as y = kx		<u>Answers</u>
K)			-						-		Ex.	$\mathbf{v} = 4\mathbf{x}$
•)	Glasses of Lemonado		7		0	9	3	4	_			
	Lemons Used (y) For every glass of lem		28		0	36	12	16			1.	
	For every glass of lenn	onaue	ulere	were		+1	lemons	s useu.				
I)	Time in minute (x	x)	7		4	2	10	3]		2.	
	Gallons of Water Use	ed (y)	182	2 1	.04	52	260	78	-		3.	
	Every minute		gallo	ns of	wate	er are	used.	- I	1			
							· · · · · ·				4.	
2)	Concrete Blocks (x))	8 2	2	3	4	7					
	weight in kilograms (15	20	35				5.	
	Every concrete bloc	k weig	ghs		_kilo	ogran	ns.				6.	
3)			4	0		0	7	5				
,,	Cans of Paint (x)		4	8	_	9	7	5			7.	
	Bird Houses Painted For every can of paint		$\frac{20}{20}$	40		45	35 ird hou	25				
	For every can or paint	you co	Julu p			0	nu nou	1808.			8.	
1)	Lawns Mowed (x)	10	9		7	3	5					
	Dollars Earned (y)	310	279	21	17	93	155					
	For every lawn mowed dollars were earned.											
_`	· · · · · · · · · · · · · · · · · · ·								7			
5)	Chocolate Bars (x)	8		4	6	5	2	3	4			
	Calories (y)	2,032)16		524	508	762				
	Every chocol	ate bar	has _		0	calori	es.					
6)	Time in minute (x) 4 3 9 6 8											
	Distance traveled in 1		s (v)	44	33				_			
	Every minute							, 00				
	,											
7)	Enemies Destroyed (2	x) 3	3	5	8	(5	4				
	Points Earned (y)	7	8 1	30	208	15	56 1	04				
	Every enemy des	stroye	d earns	s		_poir	nts.					
B)												
ונ	Pounds of Beef Jerky		4	6	5	7						
	Price in dollars (y)		40	60	50			0				
	For every pound of b	eet jer	ку it c	ost_		d	ollars.					
										1-8 88	Щ	50 38 25 13

rmine the constant o					-	onalit ble. Ex					er Key <u>Answer</u>
Glasses of Lemon	ade (x)	7		10	9	3	4	7		Ex.	$\mathbf{y} = 4\mathbf{x}$
Lemons Used	(y)	28		40	36	12	16	1		1.	$\mathbf{v} = \mathbf{26x}$
For every glass of l	emonade	there	wei	re	4	lemons	s used.	_		1.	<u> </u>
						10		1		2.	y = 5x
Time in minut		10		4	2	10	3				- -
Gallons of Water Every minute				$\frac{104}{100}$	52 ter are	260 used	78	l		3.	y = 5x
Livery minute		_ 5 ^{an}	5115 C)1 wa		useu.				4.	y = 31x
Concrete Blocks	(x)	8	2	3	4	7					
weight in kilogram	ns (y)	40	10	15	20	35				5.	$\mathbf{y} = 254\mathbf{y}$
Every concrete b	lock wei	ghs _	5	ki	logran	18.				6.	$\mathbf{y} = 11\mathbf{x}$
Cons of Daint	(v)	4		8	9	7	5				
Cans of Paint Bird Houses Pain		4 20	-	8 -0	9 45	35	25			7.	$\mathbf{y} = \mathbf{26x}$
For every can of pa						ird hou				8.	$\mathbf{v} = 10\mathbf{x}$
										8.	<u> </u>
Lawns Mowed (x)	10	9		7	3	5	,				
Dollars Earned (y) 310	279) [217	93	155					
For every lawn mo	wed 3	81	dolla	ars w	ere ea	med.					
Chocolate Bars (x) 8		4		6	2	3]			
Calories (y)	2,03	2 1	.,016	1	,524	508	762	-			
Every cho			<i>.</i>		calori]			
			_					7			
Time in minute (x) 4 3 9 6 8											
Distance traveled in meters (y)4433996688Every minute11meters are travelled.											
Every min	ute 1	<u> </u>	neter	s are	travel	led.					
Enemies Destroye	d (x)	3	5	8		5	4				
Points Earned (y) ′	78	130	20	8 1.	56 1	04				
Every enemy	destroye	ed ear	ns	26	poi	nts.	I				
			-				$\overline{}$				
Pounds of Beef Je	•••	4	6	_	5 7	-					
Price in dollars		40 rkv it	60) 10 ollars.	U				
For every pound (n beel je	iky It	COSL		<u>v</u> u	onais.					
									1-8	88 75 63	