	Identify	ing Co	onstan	nt of F	Propor	tional	ity (T	able	s)	Name:					
Deter	mine the constant of j	proport	tionali	ity for	each t	able. F	Expres	s you	ır answe	er as y =	kx		An	swei	r <u>s</u>
Ex)	Lawns Mowed (x)	8	6	5	9	7						Ex.	<u> </u>	<u>= 30</u> 2	K
	Dollars Earned (y)	240	180	150	270) 210)								
	For every lawn mowed 30 dollars were earned.														
1)												2.			
1)	Pounds of Beef Jerk	xy (x)	7	2	5	3 1	0								
	Price in dollars (y)	70	20	50 3	$\frac{30}{100}$	00					3.			
	For every pound of beet jerky it cost dollars.														
2)	Phone Sold (x)	6	10	2	7	4	7					4 .			
	Money Earned (y)	258	430	86	301	172	1					5.			
	Every phone so	old earn	IS	d	ollars.		_								
					i		-					6.			
3)	Concrete Blocks (x	x)	7	9 4	4 8	2						7.			
	weight in kilograms	(y)	63 8	31 3	6 72	18									
	Every concrete blo	ck weig	ghs		kilogra	ms.						8.			
4)	Cans of Paint (v	()	9	5	8	6	Δ	1							
,	Rird Houses Painte	.) d (v)	45	25	40	30	20	-							
	For every can of pain	t you co	ould pa	aint		bird ho	uses.]							
	J 1	5	_												
5)	Time in minute	(x)	4	9	2	8	7								
	Gallons of Water Us	sed (y)	156	5 35	1 78	312	2 273	3							
	Every minute		_ gallo	ons of v	water a	re used	l.								
6)	Diagon of Chickon (0	5	10	6									
0)	Prices of Chicken (x)	.) 5	0 16	10	20	12									
	For each piece of chi	cken it	costs	10	dolla	rs.									
7)	Chocolate Bars (x)	5	1	0	7	8		6]						
	Calories (y)	1,695	5 3,3	390	2,373	2,71	2 2,	034							
	Every cho	colate b	oar has		cal	lories.	_								
8)	Tielesta Sold (v)	2	10	4	6	2									
-)	Money Formed (y)	30	10	+ 52	78 /	2 26									
	Every ticket sold	37	rellob	$\frac{J^2}{100}$	arned	20									
	Livery denot sold _		aona		annou.										
										1-8	88 2	II 75 63	50 38	25 13	0

	Identify:	ing Coi	nstant of	Proport	tionality	(Tables	s) Na	me: AI	nswer Key
Deter	mine the constant of p	Answers							
Ex)	Lawns Mowed (x)	8	6 5	5 9	7				Ex. $\mathbf{y} = 30\mathbf{x}$
	Dollars Earned (y)	240	180 15	0 270	210				$\mathbf{v} = 10\mathbf{x}$
	For every lawn mow	1							
1)	Down do of Doof Joyle		7 2	5	2 10	1			$2. \mathbf{y} = \mathbf{43x}$
_)	Pounds of Beel Jerk	y (x)	$\frac{7}{70}$ 20	50 3	$\frac{10}{0}$	-			$\mathbf{v} - 0\mathbf{v}$
	For every pound of	$3. \underline{\mathbf{y} - \mathbf{y}}$							
									4. y = 5 x
2)	Phone Sold (x)	6	10 2	7	4				20
	Money Earned (y)	258	430 86	301	172				5. $\mathbf{y} = \mathbf{39x}$
	Every phone sold earns <u>43</u> dollars.								$\mathbf{v} = 2\mathbf{x}$
3)	Comonte Diastra (-) 7	7 0	1 0					
C)	woight in kilograms	(\mathbf{v})	2 <u>9</u>	$\frac{4}{36}$ $\frac{6}{72}$	18				7. $\mathbf{y} = 339\mathbf{x}$
	Every concrete blo	ck weig	$\frac{5}{10}$	kilogra	ns.				v - 13v
				8					$\int_{-\infty}^{\infty} \frac{y - 15x}{10x}$
4)	Cans of Paint (x)	9 5	8	6	4			
	Bird Houses Paintee	d (y)	45 25	40	30 2	20			
	For every can of pain	t you co	uld paint	<u> 5 </u> t	oird house	es.			
5)	Time in minute			0 2	8	7			
,	Gallons of Water Us	(x) sed (v)	156 3	51 78	312	273			
	Every minute	<u>39</u>	gallons of	water a	e used.	213			
		_							
6)	Pieces of Chicken (x	:) 3	8 5	10	6				
	Price in dollars (y)	6	16 10	20	12				
	For each piece of chi	cken it c	osts 2	dolla	S .				
7)	Chocolate Bars (x)	5	10	7	8	6			
	Calories (v)	1,695	3,390	2,373	2,712	2,034			
	Every cho	colate ba	ar has 3	<mark>39</mark> cal	ories.	,			
0)									
8)	Tickets Sold (x)	3	10 4	6 2	2				
	Money Earned (y)	39 1	130 52	78 2	26				
	Every ticket sold	13	dollars are	earned.					
	Made							1-8 88 7	5 63 50 38 25 13 0