		tionalit	y for e	ach ta	ble. Exp	oress y	our answe	r as y =	KX	<u>Answ</u>
Pounds of Beef Jerl	<b>xy</b> ( <b>x</b> )	3	8	4	5 7	7			1	Ex. <b>y = 1</b>
Price in dollars (	<b>y</b> )	39	104	52 0	55 91	1				
For every pound of	beef jer	rky it co	ost 1	<u>3</u> ċ	lollars.					1
Votes for Sarah (x)	7	3		9	10	2			2	2
Votes for Ned (y)	287	7 12	3 3	69	410	82				3.
For Every vote for S	arah the	re were	e	vo	tes for N	ed.				
	<b></b>								2	4
Tickets Sold (x)	9	8	10 2	2 6	5					
Money Earned (y)	90	80 1	00 2	0 6	0					5
Every ticket sold		dollars	s are ear	rned.						6.
Boxes of Candy (x)		3	5	10	8					7
Pieces of Candy (y)		57	95	190	152					
For every box of c	andy yo	ou get _		_ piece	es.					8
Concrete Blocks (	x)	8 2	2 3	10	7					
weight in kilograms	; (y)	48 12	2 18	60	42					
Every concrete blo	ock weig	ghs	ki	logran	ns.					
Glasses of Lemona	de (x)	10	3	9	6	5				
Lemons Used (	y)	30	9	27	18	15				
For every glass of lea		there v	vere		lemons	ised.				
Lawns Mowed (x)	3	6	9	2	7					
		-	200	00						
<b>Dollars Earned (y)</b>	120	240	360	80	280					
<b>Dollars Earned (y)</b> For every lawn mow			ollars w							
	/ed					9	7			
For every lawn mow	ved	do	ollars w	ere ea	rned.	9 432	-			
For every lawn mow	(x) (x) (x) (x)	do	Dillars w 7 336	ere ea 5 240	rned.					
For every lawn mow Time in minute Gallons of Water U	(x) (sed (y)	do	Dillars w 7 336	ere ea 5 240	rned. 8 384					
For every lawn mow Time in minute Gallons of Water U Every minute	(x) (x) sed (y)	dc 6 288 gallo	7 336 ns of w	ere ea 5 240 rater an	rned. 8 384 re used.					

Identifying Constant of Proportionality (Tables)

Name:

Л

er	V	ng C	onsta	nt of	Prop	portio	onality	y (Tab	les)	Na	me:	Answer K	ey
~1	rmine the constant of <b>p</b>	ropor	tiona	lity fo	or eac	ch tab	ole. Ex	press y	our ans	wer as	$\mathbf{y} = \mathbf{k}\mathbf{x}$	Ans	swers
	Pounds of Beef Jerk	y (x)	3	8	4	5	5 7	7				Ex. <b>y</b> =	= 13x
	Price in dollars (y	7)	39	104	52	2 6	5 91					1. <b>y</b> =	= 41x
	For every pound of b	beef je	rky it	cost_	13	do	ollars.						
												2. <b>y</b> =	= 10x
	Votes for Sarah (x)	7		3	9		10	2					10
	Votes for Ned (y)	28		123	369		410	82				3. <b>y</b> =	= 19X
	For Every vote for Sa	ran in	ere we	ere	41	_ vote	es for N	ied.				4. <b>V</b>	= <b>6</b> x
	Tickets Sold (x)	9	8	10	2	6						+. <u> </u>	
	Money Earned (y)	90	80	100	20	_						5. <b>y</b>	= <b>3</b> x
	Every ticket sold	10		ars are									40
			- 									6. <b>y</b> =	= <b>4</b> 0x
	Boxes of Candy (x)	9	3	5	1	0	8					7. <b>y</b> =	= <b>4</b> 8x
	Pieces of Candy (y)	171	57	95	19	90	152					/·	
	For every box of ca	indy y	ou get	19	)	pieces	5.					8. <b>y</b> =	= 43x
			0	2	2	10	_						
	Concrete Blocks (x	-	8	2	3	10	7						
	weight in kilograms		48	12 6	18 kilo	60	42						
		.r wel	g115 _	U	_ KIIO	gram	з.						
)	Glasses of Lemonad	le (x)	10	) 3	3	9	6	5					
	Lemons Used (y		30	) 9	,	27	18	15					
	For every glass of len	nonade	e there	were	3	10	emons	used.					
						i							
		2	6	9		2	7						
	Lawns Mowed (x)	3	6				/						
	Lawns Mowed (x) Dollars Earned (y)	3 120	240	) 36	50	80	280						
		120	240	_	50		280						
	<b>Dollars Earned (y)</b> For every lawn mowe	120 ed	240 40	) 36 dollar	50 s wer	re earr	280 ned.	0	٦				
	Dollars Earned (y)For every lawn moweTime in minute (	120 ed x)	240 40 6	) 36 dollar	50 s wer 7	re earr	280 ned.	9					
	Dollars Earned (y)For every lawn moweTime in minute (Gallons of Water Us	120 ed x) ed (y)	240 40 6 28	) 36 dollar 8 3	50 s wer 7 36	5 240	280 ned. 8 384	9 432					
	Dollars Earned (y)For every lawn moweTime in minute (	120 ed x) ed (y)	240 40 6 28	) 36 dollar 8 3	50 s wer 7 36	5 240	280 ned.						
	Dollars Earned (y)For every lawn moweTime in minute (Gallons of Water Us	120 ed x) ed (y)	240 40 6 28	) 36 dollar 8 3	50 s wer 7 36 of wat	5 240	280 ned. 8 384		_				
,	Dollars Earned (y) For every lawn mowe Time in minute ( Gallons of Water Us Every minute	120 ed x) ed (y) 48	24( 40 6 28 gal	) 36 dollar 8 3 lons o 8	50 s wer 7 36 of wat	re earr 5 240 ter are	280 ned. 8 384 e used.						
1	Dollars Earned (y)         For every lawn mowe         Time in minute (         Gallons of Water Us         Every minute         Phone Sold (x)	120 ed	24( 40 6 28 gal 5 215	) 36 dollar 8 3 lons o 8 34	50 s wer 7 36 of wat	re earr 5 240 ter are 7 301	280 ned. 8 384 e used. 3						