Deter	mine the constant of	•		*		le Evnr	,			A manua ma
							ess your answer	аз у – кх		<u>Answers</u>
Ex)	Tickets Sold (x)	8	5	7	9	2			Ex.	y = 13x
	Money Earned (y)	104	65	91	117	26			L'A.	J
	Every ticket	$1 \text{ sold } \underline{1}$		s are ear	med.				1.	
1)		7	10	4	5	0				
1)	Lawns Mowed (x)	7	10	4	5	8			2.	
	Dollars Earned (y)	280	400	160	200	320				
	For every lawn	mowed		ars were	e earned	1.			3.	
2)	Deres of Condex (r)	4		10	7	0				
2)	Boxes of Candy (x)	_	2 32	10	7	8			4.	
	Pieces of Candy (y)			160	112 niacos	128			5	
	For every bo	ox of cal	idy you	get	pieces.				5.	
3)	Come of Daint (w)		2	4	6	2	7		6.	
5)	Cans of Paint (x) Bird Houses Painted		2	4	6	-	-			
	For every can of		10	20	30		5		7.	
	For every can o	i paint y		iu paint	_ 0110 1	100868.				
4)		7	10	2	2	0			8.	
-	Phone Sold (x)	-	10	2	3 81	8				
	Money Earned (y) Every pho	189	270	54		216				
	Every pho	Jie soit			15.					
5)	Pounds of Beef Jerk	v (v)	8	5	7	2	4			
,	Price in dollars (y		120	75	105		60			
	For every po					I	00			
6)	Glasses of Lemonad	e(x)	5	3	2	8	4			
	Lemons Used (y	~ /	20	12	8	32	16			
	For every glass of									
					_					
7)	Chocolate Bars (x)	9	10	7	2	6				
	Calories (y)	2,457		1,911	546	1,638				
	Every choo			calo	ries.					
	2		_							
8)	Votes for Debby (x)	2	4	5	7	10				
	Votes for Ned (y)	70	140		245	350				
	For Every vote for						I			
	-	-								
								1.0 00 75		

Determine the constant of proportionality for each table. Express your answer as y = kx

Ex)	Tickets Sold (x)	8	5	7	9	2
	Money Earned (y)	104	65	91	117	26

Every ticket sold $\underline{13}$ dollars are earned.

1)	Lawns Mowed (x)	7	10	4	5	8
	Dollars Earned (y)	280	400	160	200	320

For every lawn mowed $\underline{40}$ dollars were earned.

2)	Boxes of Candy (x)	4	2	10	7	8
	Pieces of Candy (y)	64	32	160	112	128

For every box of candy you get $\underline{16}$ pieces.

3)	Cans of Paint (x)	2	4	6	3	7
	Bird Houses Painted (y)	10	20	30	15	35

For every can of paint you could paint 5 bird houses.

4)	Phone Sold (x)	7	10	2	3	8
	Money Earned (y)	189	270	54	81	216

Every phone sold earns 27 dollars.

5)	Pounds of Beef Jerky (x)	8	5	7	2	4
	Price in dollars (y)	120	75	105	30	60
	-					

For every pound of beef jerky it cost $\underline{15}$ dollars.

6)	Glasses of Lemonade (x)	5	3	2	8	4
	Lemons Used (y)	20	12	8	32	16

For every glass of lemonade there were $\frac{4}{2}$ lemons used.

7)	Chocolate Bars (x)	9	10	7	2	6
	Calories (y)	2,457	2,730	1,911	546	1,638

Every chocolate bar has 273 calories.

8)	Votes for Debby (x)	2	4	5	7	10
	Votes for Ned (y)	70	140	175	245	350
		. 1 1 1				T 1

For Every vote for Debby there were 35 votes for Ned.

Answ	er Key
= kx	<u>Answers</u>
	Ex. <u>y = 13x</u>
	1. y = 40x
	2. y = 16x
	3. y = 5 x
	4. y = 27 x
	5. y = 15x
	6. y = 4 x
	7. y = 273 x
	8. <u>y = 35x</u>