	Identifyi	ng Co	nstant o	of Pro	oport	ionalit	y (Ta	bles) Name:				
Determine the constant of proportionality for each table. Express your answer as $y = kx$ <u>Answer</u>												
Ex)	Time in minute (x)	2	9	6	3	4	7	Ex. $\mathbf{y} = \mathbf{39x}$			
	Gallons of Water Us	ed (v)	78	351	234	117	156	-				
	Every minute		gallons	of wa	ter ar	e used.			1			
		2.										
1)	Boxes of Candy (x)	5	8	4	3	9						
	Pieces of Candy (y)	100	160	80	60	180			3			
	For every box of ca											
2)		4										
4)	Votes for Rachel (x)	_	9		6	8	2	_	5.			
	Votes for Sam (y)6018012016040For Every vote for Rachel there werevotes for Sam.								J			
	FOI Every vole for Ra	6										
3)	Tickets Sold (x)	4	7 8	10) 3	;						
	Money Earned (y)	40	70 80		_	0			7			
	Every ticket sold		dollars a						8.			
									0.			
4)	Time in minut											
	Distance traveled in											
	Every minute meters are travelled.											
5)	Pieces of Chicken (x	7	3 4	4 5								
2)												
	Price in dollars (y) For each piece of chic											
	T of each piece of ente	Ken it e	.0313	`	dollar							
6)	Concrete Blocks (x)	5 10	6	8	4						
	weight in kilograms	(y) 4	0 80	48	64	32						
	Every concrete bloc	k weig	hs	kil	logran	ns.						
_`												
7)	Phone Sold (x)	3	8 :	5	10	6						
	Money Earned (y)				290	174						
	Every phone so	ld earns	s	dol	lars.							
8)	Enemies Destroyed (v) 1	0 2	5		8 6	6					
-)			$\frac{0}{20}$ 98	_	_		94					
	Points Earned (y) Every enemy de						/+					
	Every enemy de	Subycu	- carris _		_ POI							
	Math						5	1-8 88	75 63 50 38 25 13 0			
	www.0	Commoi	nCoreShe	ets.co	m		J					

	Identifyi	ng Coi	nstant o	of Propor	tionalit	y (Tables) Na	ame: An	swer Key
Deter	mine the constant of p	$\mathbf{s} \mathbf{y} = \mathbf{k} \mathbf{x}$	Answers					
Ex)	Time in minute (2	x)	2	9 6	3	4		Ex. $\mathbf{y} = \mathbf{39x}$
	Gallons of Water Us	78	351 234	117	156		20	
	Every minute		1. $y = 20x$					
			2. $y = 20x$					
1)	Boxes of Candy (x)	5	8	4 3	9			2.
	Pieces of Candy (y)	100	160	80 60	180			3. y = 10x
	For every box of ca							
-)			4. y = 30x					
2)	Votes for Rachel (x)	3	9	6	8	2		v – 2v
	Votes for Sam (y)	60			160	40		5. $\mathbf{y} = 2\mathbf{x}$
	For Every vote for Rad		6. $\mathbf{y} = \mathbf{8x}$					
3)			_					···
3)	Tickets Sold (x)		7 8	10	3			7. y = 29x
	Money Earned (y)		70 80		30			
	Every ticket sold	10	dollars a	re earned.				$\mathbf{y} = \mathbf{49x}$
4)	Time in minute	(v)	3	3 7	4	9 10		
,	Distance traveled in a							
	Every min							
	Every min	ite <u>3</u>	<u>, , , , , , , , , , , , , , , , , , , </u>	eters are tr	aveneu.			
5)	Pieces of Chicken (x)	7	3 4	4 5	9			
	Price in dollars (y)	14	6 8	3 10	18			
	For each piece of chic							
6)	Concrete Blocks (x) 5	5 10	6 8	4			
	weight in kilograms	y) 4	0 80	48 64	4 32			
	Every concrete bloc	k weigl	hs <u>8</u>	kilogra	ums.			
					+			
7)	Phone Sold (x)	3	8 5	5 10	6			
	Money Earned (y)	87 2	232 14	45 290	174			
	Every phone sol	d earns	29	dollars.				
8)	Enorthan Derter L				0			
0)	Enemies Destroyed ($\begin{array}{c c} 0 & 2 \\ \hline 0 & 0 \end{array}$	5		5		
	Points Earned (y)	49				94		
	Every enemy de	stroyed	earns_	<u>49</u> po	oints.			
						5	1-8 88 75	63 50 38 25 13 0
	Math www.0	Commor	CoreShe	ets.com		5		