T-MF Math Fundamentals Week 24 3/5 Determine whether each is proportional. y=kx Give the equation if appropriate. X | y | x2.) Ч Х 5 $\rightarrow 2$ $8\frac{37}{10\frac{1}{2}2}\left(\frac{4}{5}\right) -3$ -> 10 (-2 6 15 -> 6 76 $\frac{4}{6}$ + 2. $(\frac{2}{3})$ 4 -8 -2 512 20 30 ->12 -lz 10 Now! 9 18 18 12 y= kx Not proportional K=-Z Y=-ZX y= 5X Find the equation 1.) (36)(75 75 (00) ١٢ 100 27 (4 0 '45)(&) [00 45 (00 5 Q Name and Address of the International Science 24 100 (24)(25) 4.) 100 y=k

	I Identifying Constant of Proportionality (Tables) Name:												
Determine the constant of proportionality for each table. Express your answer as y = kx Answers													
Ex)	\rightarrow Phone Sold (x)	9	4	6	5	3]	k=	4=	kΧ			
	Money Earned (y)	369	164	246	205	123					Ex. y =	= 41x	
Every phone sold earns $\underline{41}$ dollars. $\mathbf{L} = 561 = 41 42$													
	tried raw												
1)	Pieces of Chicken (x	x) 5	9	4	1	0	8	y y	5	·	2		
	Price in dollars (y) 5 9 4 10 8 5 5 9 4												
For each piece of chicken it costs _ dollars.													
(2)				~	<i>c</i>	4			19=				
	Points Formed (v)	(X)	9	5 65 1	6 08	4	/	, 4	2.97		4		
	Every ene	2 my dest	oved e	arns	points	132	231	k=		5	52		
\sim		ing ac			Points	•		\sim	Ţ	- 27			
(3)	Time in minut	e (x)		2	6	8	10	9	19	-))	ē		
S	Distance traveled in	meters	(y)	34 1	.02	136	170	153					
	Ever	y minut	e me	ters are	travel	led.	L	_ 9	34	1-	7		
							Ľ		-	-1	8		
4)	Tickets Sold (x)	8	3	6	2	10		~		1	0		
	Money Earned (y)	112	42	84	28	140			y = l	[X]			
	Every ticket	sold	dollars	s are ear	rned.				J				
5)			10				_						
3)	Votes for Bianca (x)	108	10	4	5	3							
	For Every vote for	198 Bianca (there we	ere v	otes fo	J 00 or Luke)						
		Dianea		<u> </u>	010510	I Luce							
6)	Glasses of Lemonad	e (x)	4	10	9	3	6]					
	Lemons Used (y) 12 30			27	9	18							
	For every glass of	of lemor	nade the	ere were	e_lem	ons use	d.	1					
		-											
7)	Chocolate Bars (x)	7	4	5	3	10							
	Calories (y)	1,869	1,068	1,335	801	2,670)						
	Every choo	colate ba	ar has _		ries.								
Q)							_						
0)	Boxes of Candy (x) Biagas of Candy (y)	120	3	2	6	10							
	For every box of candy you get pieces												
TO EVERY OUX OF CARBY YOU get preces.													
										00 == 1			
	Math www.	Commor	CoreShe	eets.com	4				1-8	88 75	63 50 38 2	5 13 0	



Math

www.CommonCoreSheets.com

4

Convert percent into a decimal

per · cent 100 forevery 00 $34^{\circ}/_{\circ} = \frac{34}{100} = 0.34$ 1.) 33% = 0.3345°/0 =) 0.45/ 2.) 87% = 0.87289% - 2.897 3.) [5]% = 1.5] 4.) 1286,% = 12.86 663°1. = 6.63/ 5.)0,5°/0 = 0.05 | SD.°(9 of 160? what = 240 160 \ast 1.50 \times 350°/, of 80? 15 \checkmark \downarrow F 80 = 2801 3.50 X \times