÷	Constant of Variation	with Tables	Name:
#1	The table below shows the relationship between students and how many teachers are required to teach. How many students does it take to require an additional teacher?		
	Teacher Table		
	Number of Teachers	Number of Students	
	5	5	
	12	12	
	S	tudents	Show your work
#2	The table below shows the relatemperature. How many more increase in o		
	Jellyfish Population	vs Ocean Temperature	
	Ocean Temperatu	re Jellyfish Count	
	3	3	
	10	10	
	O 0	O 1	
	O 4	O 2	Show your work
#3			
		uch Alexa could lift over the course of much more can Alexa lift each day?	

Weight Lifted

Days	Weight (lbs)
3	6
5	10



Show your work



÷	Constant of Varia	tion with Tables	Name:
#4	The table below shows how much Benjamin could lift over the course of his weightlifting training. How much more can Benjamin lift each day? Weight Lifted		
	7 15	7 15	
	3 pounds4 pounds	0 pounds1 pounds	Show your work
#5		·	
	have at his birthday p	d out how many more children Darren car arty for each additional chore he does. lay Guests per Chore Done Guests 2 13	
	O 2	O 4	
	O 0	O 1	Show your work
#6	backyard. Using the tabl	on apple juice from the apple tree in the e below find out how many bottles he can make each day.	
		Apple Juice Bottled(liters)	
	4	4	
	10	10	
	O 0 liters	O 4 liters	
	O 3 liters	O 1 liters	Show your work



← Constant of Variation with Tables

Name:

#7

The table below shows the relationship between jellyfish and ocean temperature. How many more jellyfish are there for each degree increase in ocean temperature?

Jellyfish Population vs Ocean Temperature

Ocean Temperature	Jellyfish Count
6	12
7	14



Show your work

#8

Emma is making her own apple juice from the apple tree in the backyard. Using the table below find out how many bottles she can make each day.

Amount of Apple Juice

Days	Apple Juice Bottled(liters)
9	9
12	12



Show your work

#9

Using the table below find how many more additional passengers can be taken on the train by adding a single train car.

Train Passengers

Number of Train Cars	Number of Passengers
11	11
14	14



Show your work



÷	Constant of Variation	with Tables	Name:
#10	This table shows how the total number of doodles Matthew draws depends on the number of hours he spends in class. How many doodles does Matthew draw during an hour of class? Doodle Count Time in Class (hours) Number of Doodles		
	Time in Class (hours)	Number of Doodles	
	11	11	
	13	13	
	O 1 pages	O 4 pages	
	O 2 pages	O 3 pages	Show your work
#11	of her weightlifting training. Ho	ch Sydney could lift over the cour ow much more can Sydney lift eac day?	se h
	Weight	Lifted	
	Days Weight (lbs)		
	6	12	
	O 2 pounds	O 3 pounds	
	O 4 pounds	O 5 pounds	Show your work
#12	The table below shows the relationship between students and how many teachers are required to teach. How many students does it take to require an additional teacher? Teacher Table		
	Number of Teachers	Number of Students	
	14	14	
	15	15	
	st	udents	Show your work

Question	Answer	
#1	1	
#2	choice 2	
#3	2	
#4	choice 4	
#5	choice 4	
#6	choice 4	
#7	2	
#8	1	
#9	1	
#10	choice 1	
#11	choice 1	
#12	1	