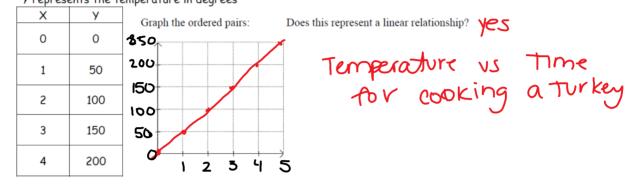
9.2 Notes: Patterns in a Table of Values

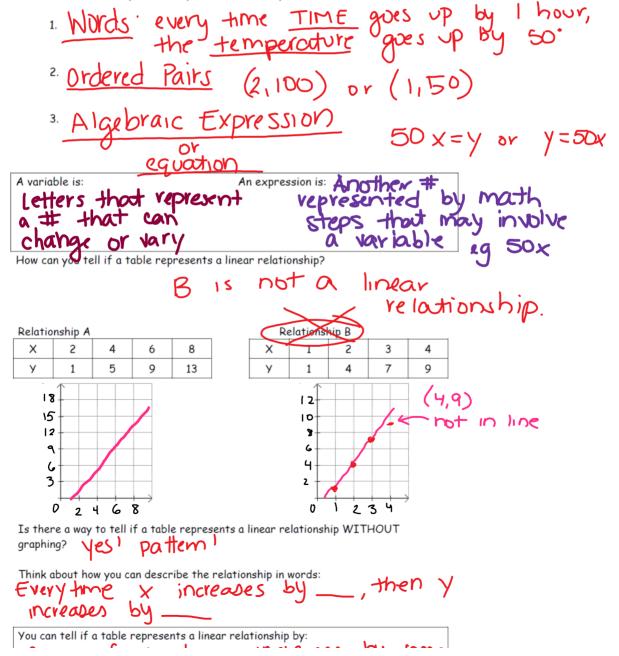
Alvin is cooking a turkey in a very old oven, and needs to heat the turkey to an internal temperature of 250 degrees. For absolutely no reason at all, he decides to make a table of values comparing how long it takes to reach different temperatures:

hours

X represents the amount of time in minutes Y represents the temperature in degrees



What is the relationship between X and Y? The relationship can be represented in 3 ways:

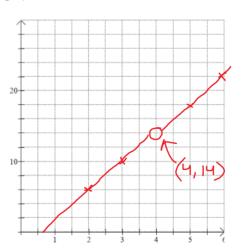


9.2 Representing Patterns in a Table of Values TEACHER Page 1

increases	by_		<u> </u>	-			
You can tell if a tab Seeing if # and Same #	× Y		increases	by -	same the		
Problem: Wendy is buying shi each extra shirt. Co # of shirts Cost 6	omplete t 1	, , ,	s \$60 for the first sl 4 × 0705			eases by	I
T (1) (1) (1)	an se	every thr	ne X Incre			, y increa	Q.S
shir t	-	\rightarrow 12		×1) + 6 65 + 6	0 =	= 15(n-1)	
LOS+S Does this represen relationship?		2 11 increase of 15	45 +1	r 2 5 18 +8) 	+60

What happens if you try to plot it on a graph?

still shows a linear relastionship



There is a consistent pattern, but ...