Answers to Linear Relations Practice #1

Thursday, April 9, 2020

1:31 PM



7a - LINEAR RELATION...

LINEAR RELATIONS PART I PRACTICE

Eg. 3. The PW Ultimate team is going to Burlington, Washington to play in a tournament. The fee to enter a team is \$50. In addition, it costs \$25 for every player that will be on the

a. Is this a linear relationship? b. Can you describe the relationship?

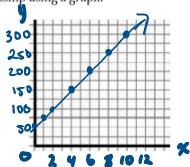
Express this relationship using a table of values.

(%)	#playes	Re(\$)	y
+1 (75	1425
+1 (2	100	7122
4, 7	3	125	Ries
	4	120	

d. Express this relationship using 3 different ordered pairs.

(10,300 3,125

e. Express this relationship using a graph.



f. Express this relationship using an equation.

Dyon pay 60 just to register (ronstant)

(2) For every play er add #25

(3) let x= number of players

(4) let y: the total fee in #

Complete the table of values for each equation and then use the table of values to graph each equation. USE A STRAIGHT EDGE! 3 y = 4 + 2xy = -3x + 1y = -2x-8 10 3 3 10 -2 -8 -7 -3 10 -10 (6) 4 4 6 10 -8 -2 -3 -2 5 6 -x + 6y = x y 4 4 -1 0 6 0 -2 8 y = 7 - 3xy = 1 - xx 29 = 1+ 2 (29) = 1+ 2 6 - /1 -2 3 =3 1 -9 10 0 7 9 -2 13