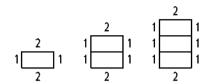
Class _____ Date __

Form K

Practice 4-2 Patterns and Linear Functions

1. For the diagram below, find the relationship between the number of shapes and the perimeter of the figure they form. Represent this relationship using a table, words, an equation, and a graph.



1 rectangle 2 rectangles 3 rectangles

For each table, determine whether the relationship is a function. Then represent the relationship using words, an equation, and a graph.

2.

	x	у
(0	2
(1	3
$\left[\right]$	2	4
(3	5
τ		

	x	y]	
	0	5)
	1	7)
	2	9)
	3	11)
τ			

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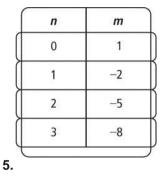
3.

Name		_ Class	Date	
4-2	Practice (continued)			Form K
4-Z	Pattorns and Linear Eurotic			

Patterns and Linear Functions

For each table, identify the dependent and independent variables. Then describe the relationship using words, an equation, and a graph.

x	У
0	-2
1	-1
2	0
3	1



6. Reasoning Graph the set of ordered pairs (0, 6), (1, 4), (2, 2), (3, 0). Determine whether the relationship is a linear function. Explain how you know.