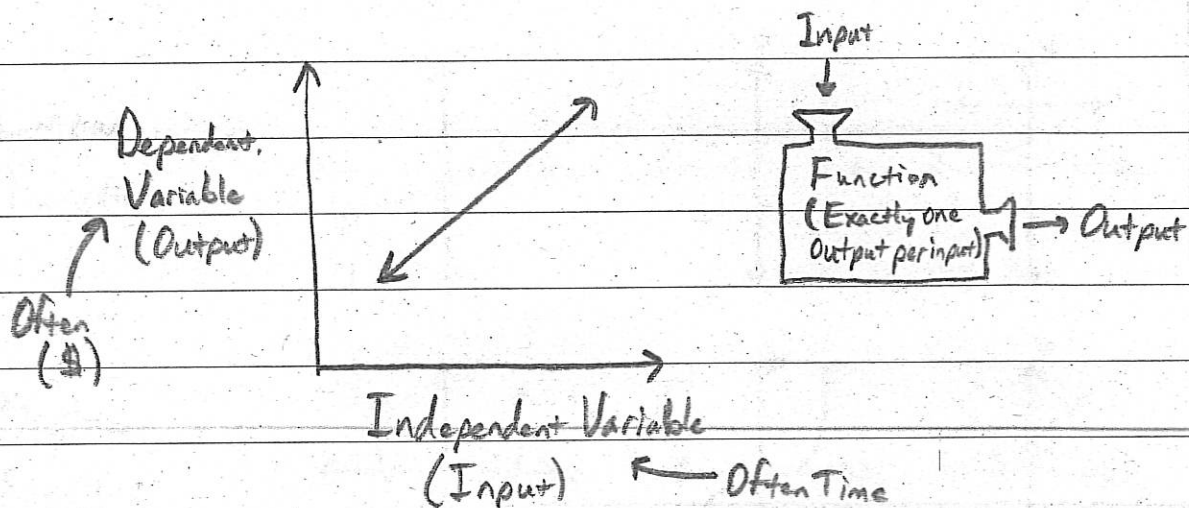
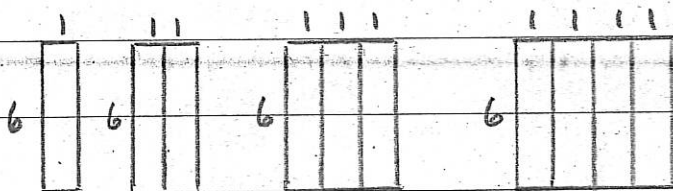


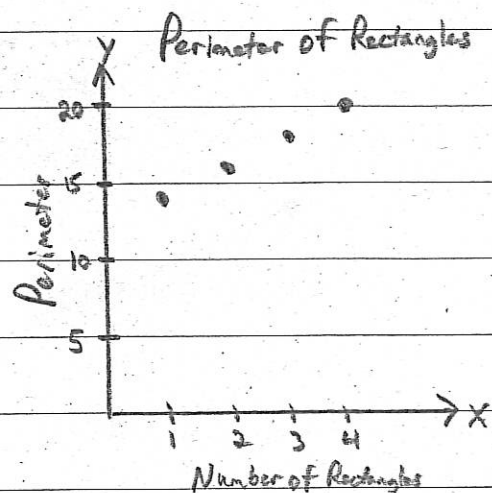
Patterns and Linear Functions



In the diagram below, what is the relationship between the number of rectangles and the perimeter? Represent this relationship using a table, equation, and a graph.



Number of Rectangles (x)	Perimeter (y)	Ordered Pair (x,y)
1	14	(1,14)
2	16	(2,16)
3	18	(3,18)
4	20	(4,20)



Equation: $y = 2x + 12$