Patterns With Square Patio
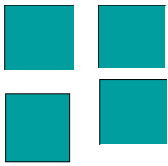
Name_____

Date _____

You are building a square patio in your yard with some square tiles. Use the Color Tiles to build the models and fill in the data. Write an equation to relate y to x for # added on and for perimeter. Use the equations and data for ordered pairs in the tables. Graph the linear relations.
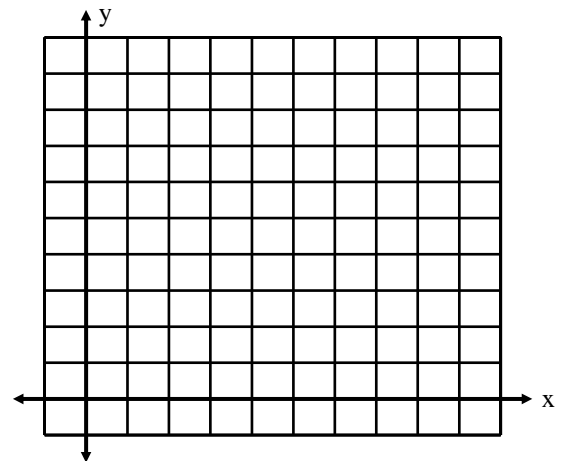
Sketch	side length X	# added on Y	Perimeter Y
	1		
	2		
	3		
	4		
	5		
	X		

Y represents # added on

X	Y

$Y =$

Y represents perimeter

X	Y

$Y =$