Sid	Sidewalk Patterns							Ru	Rubric	
								Points	Section points	
	Draws correct pattern:							1	1	
1.	Gives correct answers:									
		Pattern number, n	1	2	3	4				
		Number of white blocks	12	40	84	144				
		Number of gray blocks	13	41	85	145		2		
		Total number of blocks	25	81	169	289		(1)		
	Partial credit: 5, 6 or 7 corr	artial credit: 5, 6 or 7 correct. Allow follow through in 'totals'.							2	
2.	Gives a correct answer such as: There is one more gray than white blocks							1	1	
3.a.	Gives correct answers: $9^2$ and $13^2$							1		
b.								1		
c.	c. Gives correct answer: $(4n + 1)^2$ or equivalent							2		
									4	
4.a.	a. Gives a correct answer such as: Subtract 1 from the total and divide by 2.							1		
b.	Gives correct answer: <b>312</b> and									
	Shows work such as: $(625 - 1) / 2$						1			
					т	otal P	Doints		2 10	