	- ahsinc
Name:	

Koch Snowflake:

(the full snowflake has 6 sides with that design)

How do the perimeter and the area of the Koch snowflake change, as we add more levels to the snowflake?

Shape	Iteration	Length of	Number of	Total	Area of	Number of	Total	Total Area
		Each	Segments	Length	Each	Added	Newly-	Inside
		Segment		(Perimeter)	Added	Triangles	Added	Triangles
					Triangle		Area	
	1	1	4	4	53/4	1	5314	5314
	2	1/3	16	16/3	53/36	4	53/9	53(4+q
	3	1/9	64	64/g	53/324	16	53/20,15	13(x + g + /20,2
	lin	n Person	utu =	<i>∞</i>	lun		= 5	3
	n	700			n	Arra		4/6
							1-	17

In general, what happens to perimeter as we add more levels? What happens to area?