Popsicle Stick Mountains An intial sketch...

Number of Sticks	Number Mountains using all sticks	Total Number Mountains using any portion (comulative)	Old -Combos	Big and New
2	١	1		\wedge
4	2	3	· ///	
6	5	8	4 sticks left; 2 possibilities- see above	
			2 sticks left; I possibility— see above	
8			Gleft; Spossibilities 4 left; 2 possibilities Big 6 See above 2 possibilities	1-6-1 Split; these are the 5 patterns with 6 shicks from above.