

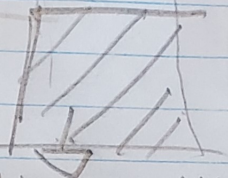
Table method

201 columns

Si

Sum / Pentagon	0	1	2	3	...	198	199	200
1	1	1	1	1	...	1	1	1
2	1	1	2	2	...			
5	1	1	2	2	...			
10	1							
20	1							
50	1							
100	1							
200	1							

8 rows



* This box will represent our final answer. Why?

This is all 1 as if you use nothing, you get 0.

(Thus initialize all first col. elements as 1)

Each element in this 2-d array will represent the # of ways to use the values of its own row and values of the rows above to sum up and add upto the corresponding column value.

(Initialize one-by-one during iteration)

* This is where all numbers were analyzed and are observed to make combinations that add upto 200.

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