HW13

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Consider an instance of subset sum in which w1 = 1, w2 = 4, w3 = 3, w4 = 6 and W = 8. Draw the table of opt(i, w) values computed by dynamic programming.

		Weight								
	Opt(i,w)	0	1	2	3	4	5	6	7	8
Number of items considered	0	0	0	0	0	0	0	0	0	0
	1	0	1	1	1	1	1	1	1	1
	2	0	1	1	1	4	5	5	5	5
	3	0	1	1	3	4	5	5	7	8
	4	0	1	1	3	4	5	6	7	8