

n	q < n: 1 <= 5 8 <= 5 3 <= 5 4 <= 5 5 <= 5	qy q <= 0 S'y. 1 = 1 S'y. 2 = 2 S'y. 3 = 3 S'y. 4 = 4 S'y. 5 = 5	S	Output (q) 1 <= 9 9 <= 1 9 <= 2 9 <= 3 9 <= 4 9 <= 5 9 <= 6
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