BUBT INTRA-UNIVERSITY PROGRAMMING CONTEST SPRING 2017 (DIVISION 1)

Finished

THE CONTEST HAS ENDED.

I. Difference of Addition and Subtraction

Score: 1

CPU: 2s
Memory: 512MB

Rami and Rima are two friend. But they have a reverse habit each other. Suppose Rami is given a number M, he then adds 1 with M to get the second number, then adds 2 with second number to get the third number, then adds 3 with third number to get the fourth number like thus he adds (P-1) with (P-1)th number to get the Pth number. On the other hand, Rima is given another number N, she then subtracts 1 from N to get the second number, then subtracts 2 from second number to get the third number, then subtracts 3 from third number to get the fourth number like thus she subtracts (P-1) from (P-1)th number to get the Pth number.

INPUT

You will take an input T(1<=T<=1000) that represent the number of test case and then in new line take an input M (M $\leq$ 10^5) for Rami, another input N (N $\leq$ 10^5) for Rima where Nth number).

OUTPUT

Now your task is to print the difference of Pth number of Rami and Rimas' operation.

Sample

Input	Output
4	10
8 4 3	14
7 5 4	2561
555 444 50	8849
8588 4569 70	

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