

restart;
 $n := 1000$;

$n := 1000$ (1)

$$\sum_{i=1}^{n-1} \left(\sum_{j=i+1}^n (\min(2 \cdot i + 1, j + 1)) \right);$$

250624250 (2)

$$\sum_{j=2}^n \left(\sum_{i=1}^{j-1} (\min(2 \cdot i + 1, j + 1)) \right);$$

250624250 (3)

$$\text{floor} \left(\frac{n \cdot (2 \cdot n^2 + 5 \cdot n - 6)}{8} \right);$$

250624250 (4)

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