

Recurrence Panic Room!!

Put the following running times in increasing order and use the corresponding numbers in that order to generate a code. Find a real number that resembles this truncated number to escape the panic room!!

1 $L(n) \leq 3L(\frac{n}{3}) + 5n^2$

1 $L(n) \leq L(n-2) + 2023$

3 $L(n) \leq L(\frac{n}{3}) + 3$

4 $L(n) \leq 3L(\frac{n}{3}) + 2n$

5 $L(n) \leq 3L(n-1) + 1$

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