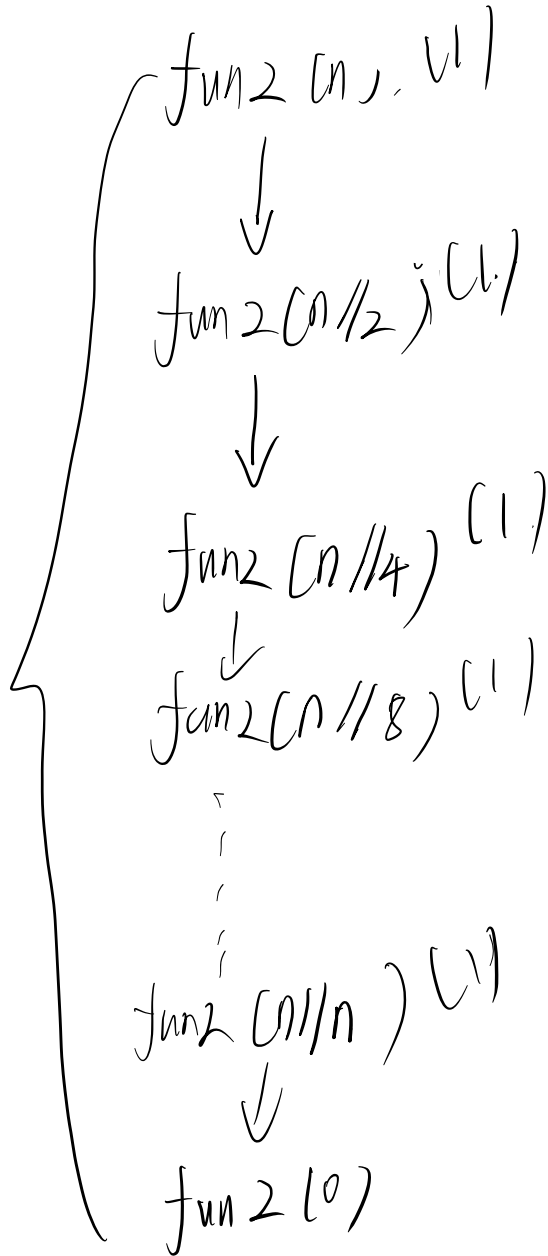


2) $\left(\frac{f_{n+2}(n), v_l}{1} \right)$

calls



$$4 \div 2 = 2$$

$$2\frac{1}{2} = \blacktriangledown$$

4/14

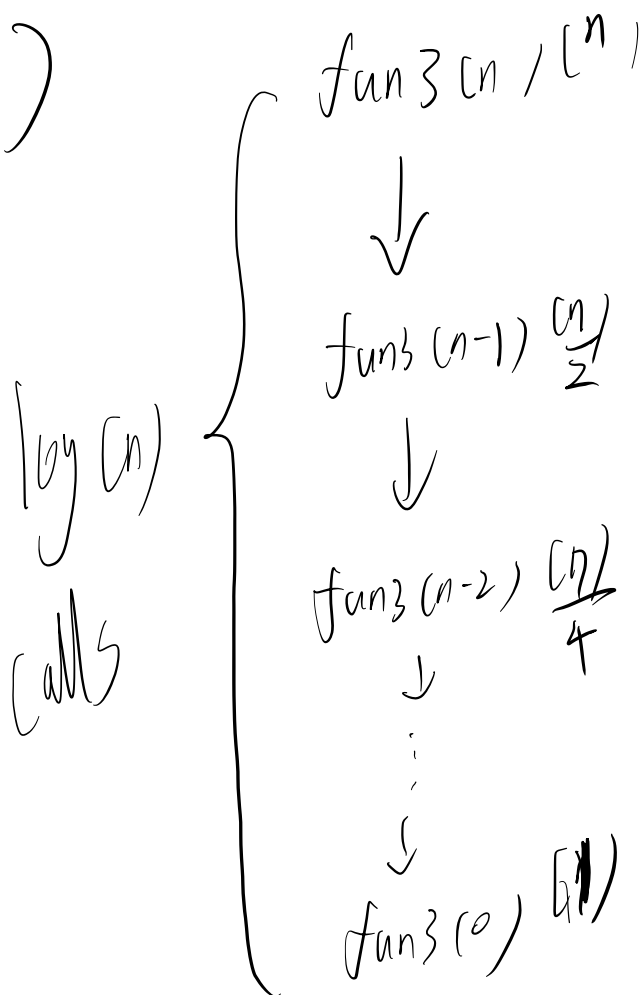
4/17²⁷,

1728

runtime :

$$T(n) = 1 + 1 + 1 + 1 + \dots + 1$$
$$= O(\log n)$$

3)



Runtime:

$$T = n + \frac{n}{2} + \frac{n}{4} + \dots + 1$$

$$= 2n$$

$$= O(n)$$