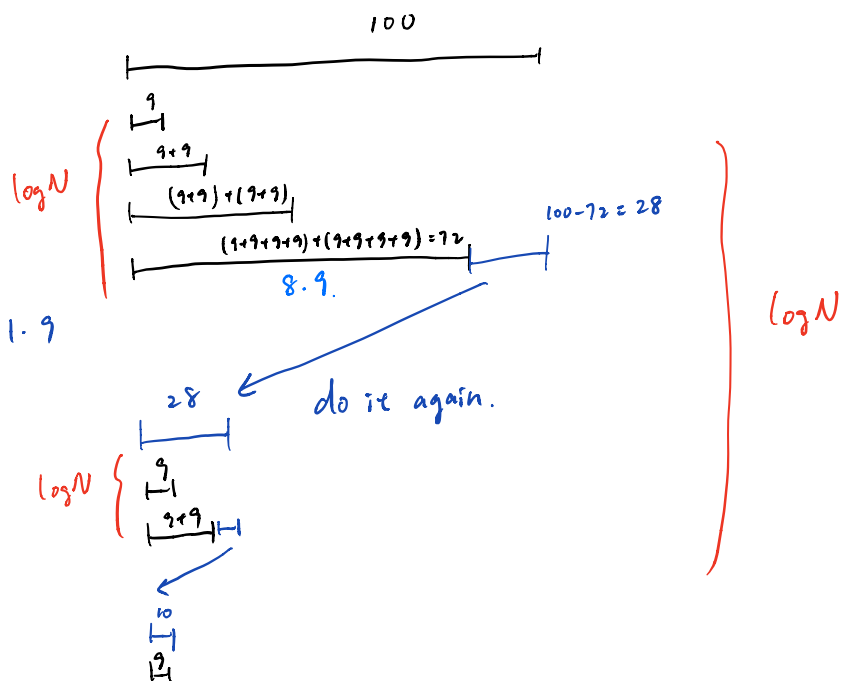


dividend = 100

divisor = 9.

$$100 = 8 \cdot 9 + 2 \cdot 9 + 1 \cdot 9$$

$$= 11 \cdot 9$$



$$T = O(\log N) \cdot O(\log N)$$