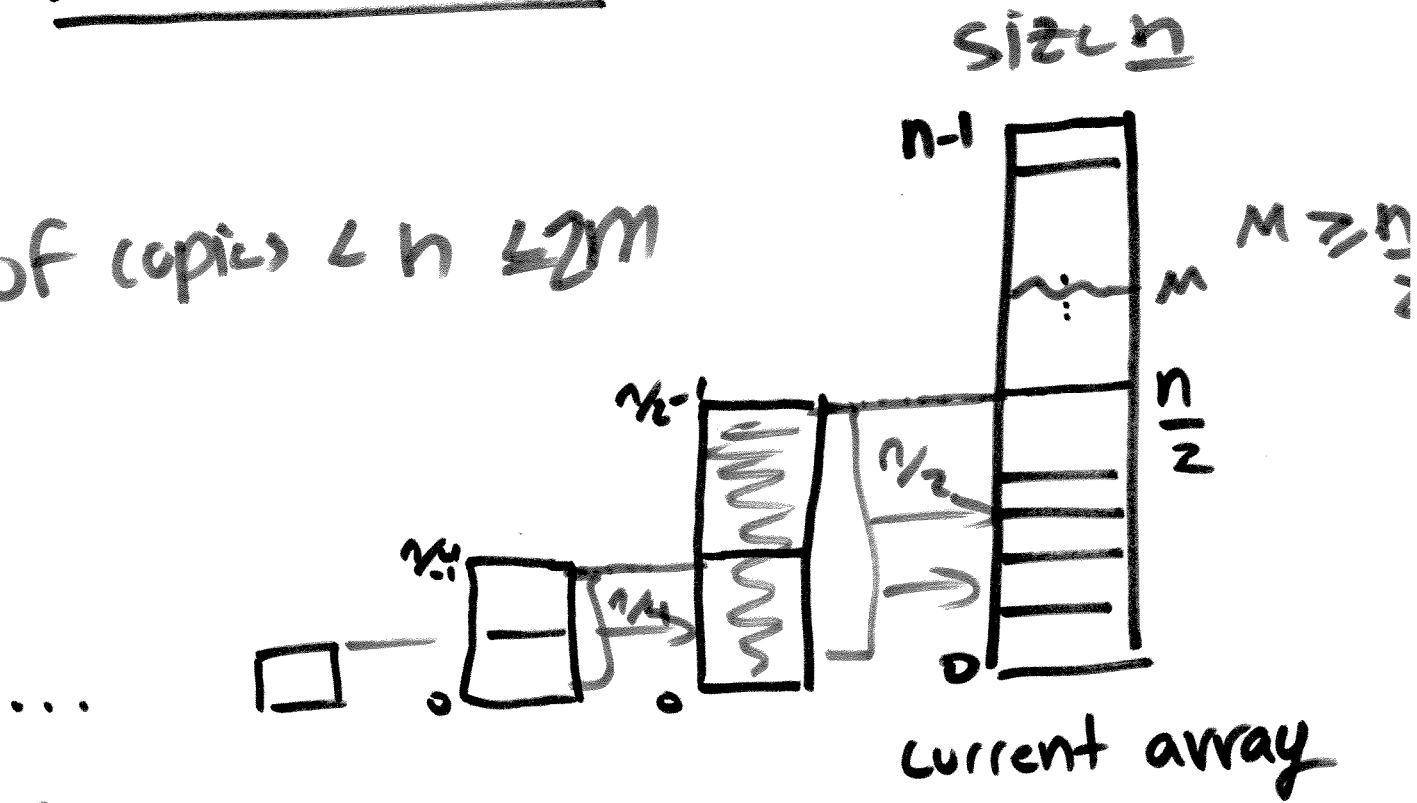


M insertions

of copies $\leq n \leq 2M$



$$\frac{n}{2} + \frac{n}{4} + \frac{n}{8} + \dots \text{initial size} \leq n$$

To perform M inserts:

- M inserts:
- How many copies? $\leq 2M$

$$\underline{3M}$$

$$M \text{ is } O(3M)$$