

load factor

$$\alpha = \frac{m}{n} \approx \underline{0.75} \longrightarrow \underline{\text{Rehashing}}$$

$n \rightarrow$ size of the hash table

$m \rightarrow$ # entries

↓
resize
the hash
table

$$n \rightarrow 10$$

$$n \rightarrow 10 \times 2 = 20$$

$$\begin{array}{l} m \rightarrow 8 \\ n \rightarrow 10 \end{array}$$

$$\alpha = \frac{8}{10} = 0.8$$

↓
Rehashing