Question 1 Cuckoo Hashing (a) Insert keys 12 and hickey) hackey) key 12: 05 11 00 key 10: 0b 1010 T_2 answer:

(b) delete 14, insert 18

8 = 05 1000

hi (8) = 0

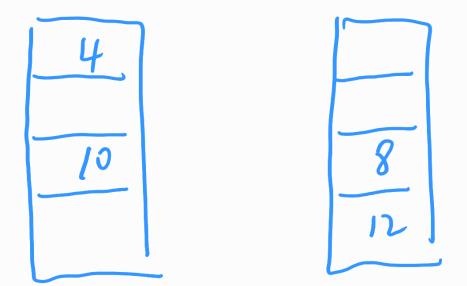
 $h_2(8) = 2$

h, (10) = 2

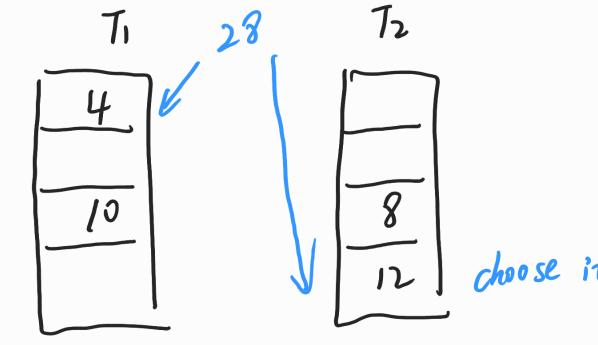
more 10 to 7, [2]

answer =

72



$$h_1(28) = 0$$
 $h_2(18) = 3$



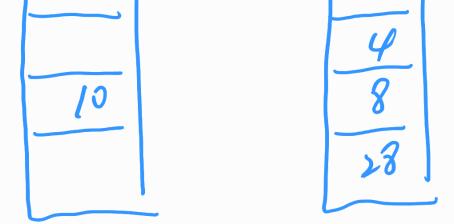
$$h_1(12) = 0$$
 $h_2(12) = 3$

$$h_{1}(4) = 0 \qquad h_{2}(4) = 1$$

$$\frac{T_{1}}{12} = 0 \qquad h_{3}(4) = 1$$

$$\frac{T_{1}}{12} = 0 \qquad \frac{T_{2}}{12} = 1$$

answer.



(d):

Answer: Insert key=6 会对
(c)中的TiTo是成
无限循环调整