

2. (a) 26, 42, 5, 44, 92, 59, 40, 36, 12, 60, 80

44	12	80	36	26	5	92	59	40	42	60
0	1	2	3	4	5	6	7	8	9	10

C # collision

$$26 \% 11 = 4$$

$$42 \% 11 = 9$$

$$5 \% 11 = 5$$

$$44 \% 11 = 0$$

$$92 \begin{cases} 92 \% 11 = 4 (C) \\ (4+1) \% 11 = 5 (C) \\ (4+2) \% 11 = 6 \end{cases}$$

$$59 \begin{cases} 59 \% 11 = 4 (C) \\ (4+1) \% 11 = 5 (C) \\ (4+2) \% 11 = 6 (C) \\ (4+3) \% 11 = 7 \end{cases}$$

$$40 \begin{cases} 40 \% 11 = 7 (C) \\ (7+1) \% 11 = 8 \end{cases}$$

$$36 \% 11 = 3$$

$$12 \% 11 = 1$$

$$60 \begin{cases} 60 \% 11 = 5 (C) \\ (5+1) \% 11 = 6 (C) \\ 7 \% 11 = 7 (C) \\ (8 \% 11) \&\& (9 \% 11) (C) \\ (9+1) \% 11 = 10 \end{cases}$$

$$80 \begin{cases} 80 \% 11 = 3 (C) \\ (3+1) \% 11 \\ (4+1) \% 11 \\ (5+1) \% 11 \\ (6+1) \% 11 \\ \dots \text{until} \\ 13 \% 11 = 2 \end{cases} (C)$$