

CRT Closure — 24 Rings

Uniqueness via (mod 3, mod 8); derived constraints (mod 2,4,6)

Statement

For any residues (a,b) with $0 \leq a < 3$, $0 \leq b < 8$ there exists a unique ring $r \in \{1..24\}$ s.t. $r \equiv a \pmod{3}$, $r \equiv b \pmod{8}$. Joker windows: $r \equiv 0 \pmod{8}$.

Ring	m3	m8	Parity	Joker?
1	1	1	Red(+)	No
2	2	2	Black(−)	No
3	0	3	Red(+)	No
4	1	4	Black(−)	No
5	2	5	Red(+)	No
6	0	6	Black(−)	No
7	1	7	Red(+)	No
8	2	0	Black(−)	Yes
9	0	1	Red(+)	No
10	1	2	Black(−)	No
11	2	3	Red(+)	No
12	0	4	Black(−)	No
13	1	5	Red(+)	No
14	2	6	Black(−)	No
15	0	7	Red(+)	No
16	1	0	Black(−)	Yes
17	2	1	Red(+)	No
18	0	2	Black(−)	No
19	1	3	Red(+)	No

20	2	4	Black(-)	No
21	0	5	Red(+)	No
22	1	6	Black(-)	No
23	2	7	Red(+)	No
24	0	0	Black(-)	Yes