## Velika logična pošast



## Vsak A je B, noben A ni B

Katere relacije med množicama $A$ in $B$
so resnične?
Če je izjava resnična vpiši 1 , drugače pa 0 .

| A | $1 \in \mathrm{~A}$ | $2 \in A$ | $3 \in A$ | 4 ¢ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \{8,9,4, 10, 1, 7\} |  |  |  |  |  |
| \{10, 9, 8, 6, 7\} |  |  |  |  |  |
| $\{5,3,1,4,6\}$ |  |  |  |  |  |
| $\{1,3,8,6,9\}$ |  |  |  |  |  |
| \{2,5,9,8,6,10\} |  |  |  |  |  |
| \{1,7,10,9,8\} |  |  |  |  |  |
| $\{9,3,2,10\}$ |  |  |  |  |  |
| \{4,6,5,7\} |  |  |  |  |  |
| \{5, 2, 7, 8\} |  |  |  |  |  |
| \{4, 8, $6,5,3\}$ |  |  |  |  |  |
| \{1,10, 2, 9, 5, 8\} |  |  |  |  |  |
| $\{2,1,4,3,10\}$ |  |  |  |  |  |
| \{8,4,3,2\} |  |  |  |  |  |
| $\{9,5,8,6,4,10\}$ |  |  |  |  |  |
| $\{8,6,4,7\}$ |  |  |  |  |  |
| \{8,2,10,9,7\} |  |  |  |  |  |
| \{4, 1, 2, 6, 3\} |  |  |  |  |  |
| $\{5,6,2,10\}$ |  |  |  |  |  |
| \{9,5, 6, 3\} |  |  |  |  |  |
| \{1,8,10,3\} |  |  |  |  |  |
| \{3, $6,8,2,1,9\}$ |  |  |  |  |  |
| \{10, 8, 5, 9, 6, 3\} |  |  |  |  |  |
| $\{5,1,3,6,8\}$ |  |  |  |  |  |
| $\{3,10,1,5,8\}$ |  |  |  |  |  |
| \{7, 1, 10, 2, 8, 5\} |  |  |  |  |  |
| \{4, 3, 6, 1\} |  |  |  |  |  |
| \{8,2,5,9\} |  |  |  |  |  |
| \{5, 7, 10, 1, 3\} |  |  |  |  |  |
| \{9, 1, 8, $3,7,5\}$ |  |  |  |  |  |
| $\{9,6,1,3\}$ |  |  |  |  |  |

## 2.

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{10,8,7,1,4,9\}$ |  |  |  |  |  |
| $\{4,10,8,6,9\}$ |  |  |  |  |  |
| $\{7,3,6,4,1,2\}$ |  |  |  |  |  |
| $\{3,6,7,9,4,5\}$ |  |  |  |  |  |
| $\{2,5,9,3\}$ |  |  |  |  |  |
| $\{3,4,6,9,8,2\}$ |  |  |  |  |  |
| $\{5,10,8,3,1,4\}$ |  |  |  |  |  |
| $\{9,5,6,7,1\}$ |  |  |  |  |  |
| $\{2,5,7,10,9,1\}$ |  |  |  |  |  |
| $\{3,10,7,5,2,9\}$ |  |  |  |  |  |
| $\{6,1,7,4,5\}$ |  |  |  |  |  |
| $\{1,6,7,5,1\}$ |  |  |  |  |  |
| $\{7,4,1,10,5,9\}$ |  |  |  |  |  |
| $\{8,3,6,10,2,4\}$ |  |  |  |  |  |
| $\{1,8,7,5,9\}$ |  |  |  |  |  |
| $\{7,8,6,9,4\}$ |  |  |  |  |  |
| $\{6,9,5,10,8,3\}$ |  |  |  |  |  |
| $\{5,1,8,9,2\}$ |  |  |  |  |  |
| $\{8,1,5,9\}$ |  |  |  |  |  |
| $\{3,1,2,7\}$ |  |  |  |  |  |
| $\{9,4,5,7,1,6\}$ |  |  |  |  |  |
| $\{6,2,1,5,9\}$ |  |  |  |  |  |
| $\{8,7,1,3,6,10\}$ |  |  |  |  |  |
| $\{4,6,8,2,9,5\}$ |  |  |  |  |  |
| $\{8,7,9,1\}$ |  |  |  |  |  |
| $\{6,8,3,1,7,2\}$ |  |  |  |  |  |
| $\{3,8,2,9\}$ |  |  |  |  |  |
| $\{4,1,8,9,10,7\}$ |  |  |  |  |  |
| $\{10,6,9,1,3,2\}$ |  |  |  |  |  |
| $\{2,6,5,8\}$ |  |  |  |  |  |

3. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{5,8,10,4\}$ |  |  |  |  |  |
| $\{6,8,9,3\}$ |  |  |  |  |  |
| $\{9,8,3,1,5\}$ |  |  |  |  |  |
| $\{10,7,5,6\}$ |  |  |  |  |  |
| $\{2,10,5,4\}$ |  |  |  |  |  |
| $\{4,3,1,10\}$ |  |  |  |  |  |
| $\{2,7,4,8\}$ |  |  |  |  |  |
| $\{7,8,6,5,2\}$ |  |  |  |  |  |
| $\{4,5,8,3,9\}$ |  |  |  |  |  |
| $\{5,10,6,8,9,7\}$ |  |  |  |  |  |
| $\{1,8,2,7,3\}$ |  |  |  |  |  |
| $\{3,6,8,7,4\}$ |  |  |  |  |  |
| $\{9,2,8,6\}$ |  |  |  |  |  |
| $\{3,8,9,2,5\}$ |  |  |  |  |  |
| $\{10,8,5,1\}$ |  |  |  |  |  |
| $\{2,4,3,1,9,8\}$ |  |  |  |  |  |
| $\{5,3,6,8,7,2\}$ |  |  |  |  |  |
| $\{4,10,1,2\}$ |  |  |  |  |  |
| $\{7,5,2,10,1\}$ |  |  |  |  |  |
| $\{2,7,10,9,6,1\}$ |  |  |  |  |  |
| $\{1,5,6,9,2\}$ |  |  |  |  |  |
| $\{10,4,7,8\}$ |  |  |  |  |  |
| $\{4,7,8,10\}$ |  |  |  |  |  |
| $\{7,1,10,4,3,8\}$ |  |  |  |  |  |
| $\{8,3,2,9\}$ |  |  |  |  |  |
| $\{10,3,3,1\}$ |  |  |  |  |  |
| $\{3,8,6,6\}$ |  |  |  |  |  |
| $\{8,2,10,7,1,6\}$ |  |  |  |  |  |
| $\{3,8,2,5,9,4\}$ |  |  |  |  |  |
| $\{2,4,6,5,7\}$ |  |  |  |  |  |

4. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{5,1,6,10\}$ |  |  |  |  |  |
| $\{3,8,6,9,10\}$ |  |  |  |  |  |
| $\{7,4,9,10\}$ |  |  |  |  |  |
| $\{6,10,7,1,9,8\}$ |  |  |  |  |  |
| $\{2,1,3,10\}$ |  |  |  |  |  |
| $\{9,1,4,8,3,5\}$ |  |  |  |  |  |
| $\{2,10,7,1,3,6\}$ |  |  |  |  |  |
| $\{9,3,2,8,5,6\}$ |  |  |  |  |  |
| $\{9,4,8,5,2,7\}$ |  |  |  |  |  |
| $\{6,8,5,9,7\}$ |  |  |  |  |  |
| $\{1,4,2,8,5,10\}$ |  |  |  |  |  |
| $\{3,5,1,10,7,2\}$ |  |  |  |  |  |
| $\{3,7,4,10\}$ |  |  |  |  |  |
| $\{9,3,1,7,2\}$ |  |  |  |  |  |
| $\{9,10,5,7,8,4\}$ |  |  |  |  |  |
| $\{10,8,1,7,5,3\}$ |  |  |  |  |  |
| $\{9,5,2,8,3\}$ |  |  |  |  |  |
| $\{5,4,3,9,1,8\}$ |  |  |  |  |  |
| $\{3,9,2,8\}$ |  |  |  |  |  |
| $\{8,10,7,3,6,1\}$ |  |  |  |  |  |
| $\{3,7,9,10\}$ |  |  |  |  |  |
| $\{5,9,1,2,6\}$ |  |  |  |  |  |
| $\{3,7,6,5,2\}$ |  |  |  |  |  |
| $\{5,1,9,7\}$ |  |  |  |  |  |
| $\{1,2,7,10\}$ |  |  |  |  |  |
| $\{6,1,10,9,2\}$ |  |  |  |  |  |
| $\{2,9,4,5\}$ |  |  |  |  |  |
| $\{8,1,7,6,10,9\}$ |  |  |  |  |  |
| $\{4,8,3,1\}$ |  |  |  |  |  |
| $\{8,4,10,3,7,6\}$ |  |  |  |  |  |

5. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{5,8,6,3,1\}$ |  |  |  |  |  |
| $\{7,1,5,8\}$ |  |  |  |  |  |
| $\{6,8,7,3\}$ |  |  |  |  |  |
| $\{9,5,6,10,8,3\}$ |  |  |  |  |  |
| $\{1,3,2,10,9\}$ |  |  |  |  |  |
| $\{8,6,5,9,10,3\}$ |  |  |  |  |  |
| $\{7,4,10,3,1\}$ |  |  |  |  |  |
| $\{5,3,8,4\}$ |  |  |  |  |  |
| $\{7,3,8,6,9,10\}$ |  |  |  |  |  |
| $\{8,1,10,4,7,2\}$ |  |  |  |  |  |
| $\{7,9,4,10,8,3\}$ |  |  |  |  |  |
| $\{10,2,7,8\}$ |  |  |  |  |  |
| $\{6,10,4,9,8\}$ |  |  |  |  |  |
| $\{1,8,9,7,5,3\}$ |  |  |  |  |  |
| $\{6,1,7,4,9,2\}$ |  |  |  |  |  |
| $\{1,6,5,9\}$ |  |  |  |  |  |
| $\{5,2,4,9,7\}$ |  |  |  |  |  |
| $\{0,8,7,9,3\}$ |  |  |  |  |  |
| $\{5,2,10,8,9\}$ |  |  |  |  |  |
| $\{8,6,7,9,10,1\}$ |  |  |  |  |  |
| $\{8,2,10,6,5\}$ |  |  |  |  |  |
| $\{6,5,2,1,4\}$ |  |  |  |  |  |
| $\{7,10,4,9,8\}$ |  |  |  |  |  |
| $\{8,2,4,10\}$ |  |  |  |  |  |
| $\{4,10,7,6,1\}$ |  |  |  |  |  |
| $\{9,6,5,4,1\}$ |  |  |  |  |  |
| $\{4,1,8,7,9\}$ |  |  |  |  |  |
| $\{4,7,2,6\}$ |  |  |  |  |  |
| $\{4,5,9,8,7,10\}$ |  |  |  |  |  |
| $\{6,1,8,2,9,10\}$ |  |  |  |  |  |

6. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{5,8,1,3,4,7\}$ |  |  |  |  |  |
| $\{3,9,1,6,5,7\}$ |  |  |  |  |  |
| $\{6,7,1,2,10\}$ |  |  |  |  |  |
| $\{, 9,10,1,3\}$ |  |  |  |  |  |
| $\{4,10,5,3,8,7\}$ |  |  |  |  |  |
| $\{2,6,9,3,5,8\}$ |  |  |  |  |  |
| $\{3,7,10,8,1,6\}$ |  |  |  |  |  |
| $\{2,7,9,8\}$ |  |  |  |  |  |
| $\{8,1,3,6\}$ |  |  |  |  |  |
| $\{4,9,8,7,5\}$ |  |  |  |  |  |
| $\{7,4,8,3,10,6\}$ |  |  |  |  |  |
| $\{3,4,6,1\}$ |  |  |  |  |  |
| $\{4,1,2,6\}$ |  |  |  |  |  |
| $\{10,7,3,8\}$ |  |  |  |  |  |
| $\{9,5,3,1,2,8\}$ |  |  |  |  |  |
| $\{8,1,9,6,7\}$ |  |  |  |  |  |
| $\{1,9,6,4,7,8\}$ |  |  |  |  |  |
| $\{8,10,3,4\}$ |  |  |  |  |  |
| $\{5,2,10,6,4\}$ |  |  |  |  |  |
| $\{4,8,5,10\}$ |  |  |  |  |  |
| $\{5,7,10,4\}$ |  |  |  |  |  |
| $\{6,9,7,1,1,8\}$ |  |  |  |  |  |
| $\{3,7,10,6,8\}$ |  |  |  |  |  |
| $\{2,3,10,5,8\}$ |  |  |  |  |  |
| $\{10,7,8,4,9,3\}$ |  |  |  |  |  |
| $\{7,10,5,4,9,6\}$ |  |  |  |  |  |
| $\{10,3,5,8\}$ |  |  |  |  |  |
| $\{10,2,9,6,7,8\}$ |  |  |  |  |  |
| $\{8,10,2,1,7\}$ |  |  |  |  |  |
| $\{3,7,6,2,4,1\}$ |  |  |  |  |  |

7. 

| $A$ | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{3,7,2,8,5,6\}$ |  |  |  |  |  |
| $\{4,2,5,1,10\}$ |  |  |  |  |  |
| $\{1,9,3,7\}$ |  |  |  |  |  |
| $\{3,2,6,8,5,10\}$ |  |  |  |  |  |
| $\{9,2,4,8,5,1\}$ |  |  |  |  |  |
| $\{7,6,4,1,3\}$ |  |  |  |  |  |
| $\{10,2,4,1,5,3\}$ |  |  |  |  |  |
| $\{4,9,1,3,2,5\}$ |  |  |  |  |  |
| $\{5,2,8,6,3\}$ |  |  |  |  |  |
| $\{4,5,8,9,2,3\}$ |  |  |  |  |  |
| $\{1,7,2,5,9,6\}$ |  |  |  |  |  |
| $\{9,4,5,10,6\}$ |  |  |  |  |  |
| $\{3,1,10,4,2\}$ |  |  |  |  |  |
| $\{5,3,2,9,7,10\}$ |  |  |  |  |  |
| $\{10,1,6,4\}$ |  |  |  |  |  |
| $\{4,7,8,10,5\}$ |  |  |  |  |  |
| $\{2,1,5,8\}$ |  |  |  |  |  |
| $\{, 103,4,8\}$ |  |  |  |  |  |
| $\{9,2,6,7,3,1\}$ |  |  |  |  |  |
| $\{5,1,4,6,10,2\}$ |  |  |  |  |  |
| $\{1,7,3,4,10,5\}$ |  |  |  |  |  |
| $\{5,8,4,6\}$ |  |  |  |  |  |
| $\{1,2,10,8,7\}$ |  |  |  |  |  |
| $\{1,10,6,8,3,4\}$ |  |  |  |  |  |
| $\{4,6,3,7\}$ |  |  |  |  |  |
| $\{4,8,6,3\}$ |  |  |  |  |  |
| $\{1,8,1,5,6,9\}$ |  |  |  |  |  |
| $\{8,9,7,6\}$ |  |  |  |  |  |
| $\{7,2,10,5\}$ |  |  |  |  |  |
| $\{6,1,10,3,4,5\}$ |  |  |  |  |  |


| 8. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A | 1,A | $2 \in \mathrm{~A}$ | $3 \in A$ | 4 ${ }^{\text {A }}$ | $5 \in \mathrm{~A}$ |
| \{4,9,2, 8, 1, 6\} |  |  |  |  |  |
| \{8,9,7,4\} |  |  |  |  |  |
| \{1, 10, 2, 7, 8, 9\} |  |  |  |  |  |
| $\{2,10,9,4,3,6\}$ |  |  |  |  |  |
| $\{1,2,10,7,5,9\}$ |  |  |  |  |  |
| \{8,3,7,9,2\} |  |  |  |  |  |
| $\{7,6,10,4,5,8\}$ |  |  |  |  |  |
| \{5, 8, 7, 2, 6\} |  |  |  |  |  |
| $\{3,10,1,7\}$ |  |  |  |  |  |
| \{2,6,5,10, 8, ${ }^{\text {a }}$ |  |  |  |  |  |
| \{3,7,2,5,6,8\} |  |  |  |  |  |
| $\{2,10,9,3,8,5\}$ |  |  |  |  |  |
| \{8,9,5,6,3\} |  |  |  |  |  |
| \{6, 4, 3, 2, 8\} |  |  |  |  |  |
| \{8,9,3,4,6\} |  |  |  |  |  |
| $\{7,9,1,8,6,4\}$ |  |  |  |  |  |
| \{9, 1,2, 4, 6, 8\} |  |  |  |  |  |
| \{10, 4, 7, 2\} |  |  |  |  |  |
| \{3, 10, 5, 1\} |  |  |  |  |  |
| \{1,5,7,9,2,4\} |  |  |  |  |  |
| \{4,7,6, 1,2, 5$\}$ |  |  |  |  |  |
| $\{2,4,7,10,5,1\}$ |  |  |  |  |  |
| $\{1,2,6,5,4,8\}$ |  |  |  |  |  |
| \{9,5,7,2,3,6\} |  |  |  |  |  |
| \{4, 10, 8, 9, 6\} |  |  |  |  |  |
| \{8,9,10,5\} |  |  |  |  |  |
| \{9, 8, 7, 3\} |  |  |  |  |  |
| \{3, 10, 5, 6, 8\} |  |  |  |  |  |
| $\{10,5,8,4,6\}$ |  |  |  |  |  |
| $\{6,7,3,5,10\}$ |  |  |  |  |  |

9. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :--- | :--- | :--- | :--- | :--- |
| $\{5,1,9,10,8\}$ |  |  |  |  |  |
| $\{1,2,7,8\}$ |  |  |  |  |  |
| $\{9,4,3,8,10,2\}$ |  |  |  |  |  |
| $\{2,5,3,6,10\}$ |  |  |  |  |  |
| $\{1,10,9,7\}$ |  |  |  |  |  |
| $\{1,6,8,3,10\}$ |  |  |  |  |  |
| $\{4,3,7,6,2\}$ |  |  |  |  |  |
| $\{2,4,9,3,8\}$ |  |  |  |  |  |
| $\{4,8,10,1\}$ |  |  |  |  |  |
| $\{4,7,6,5,1\}$ |  |  |  |  |  |
| $\{5,7,8,10\}$ |  |  |  |  |  |
| $\{6,4,9,7,2\}$ |  |  |  |  |  |
| $\{4,10,3,6,2\}$ |  |  |  |  |  |
| $\{7,5,6,10,2,3\}$ |  |  |  |  |  |
| $\{2,3,1,6,7\}$ |  |  |  |  |  |
| $\{10,7,3,9,6,8\}$ |  |  |  |  |  |
| $\{2,5,10,6,1,8\}$ |  |  |  |  |  |
| $\{7,6,9,3,1\}$ |  |  |  |  |  |
| $\{3,4,7,10\}$ |  |  |  |  |  |
| $\{9,2,1,7\}$ |  |  |  |  |  |
| $\{7,1,9,5,3\}$ |  |  |  |  |  |
| $\{2,9,7,3,1,8\}$ |  |  |  |  |  |
| $\{7,9,8,3,5\}$ |  |  |  |  |  |
| $\{9,10,8,1,3\}$ |  |  |  |  |  |
| $\{10,5,4,2\}$ |  |  |  |  |  |
| $\{3,1,7,10,4\}$ |  |  |  |  |  |
| $\{4,9,5,7,1\}$ |  |  |  |  |  |
| $\{3,8,4,5,10,7\}$ |  |  |  |  |  |
| $\{6,2,4,10\}$ |  |  |  |  |  |
| $\{10,8,1,9,3,7\}$ |  |  |  |  |  |

10. 

| $A$ | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{10,4,9,1\}$ |  |  |  |  |  |
| $\{10,3,1,2,9\}$ |  |  |  |  |  |
| $\{10,2,4,5,9,7\}$ |  |  |  |  |  |
| $\{10,3,8,5\}$ |  |  |  |  |  |
| $\{5,9,7,7\}$ |  |  |  |  |  |
| $\{6,9,8,2,4,1\}$ |  |  |  |  |  |
| $\{1,5,2,3,10\}$ |  |  |  |  |  |
| $\{9,8,4,5,2\}$ |  |  |  |  |  |
| $\{8,4,7,2,1,6\}$ |  |  |  |  |  |
| $\{6,4,9,3\}$ |  |  |  |  |  |
| $\{1,9,4,2\}$ |  |  |  |  |  |
| $\{5,9,4,1,7\}$ |  |  |  |  |  |
| $\{6,3,2,4,7\}$ |  |  |  |  |  |
| $\{9,3,5,1\}$ |  |  |  |  |  |
| $\{3,1,2,7\}$ |  |  |  |  |  |
| $\{4,1,7,2,10\}$ |  |  |  |  |  |
| $\{1,7,1,3,2,8\}$ |  |  |  |  |  |
| $\{, 3,2,4\}$ |  |  |  |  |  |
| $\{10,7,1,6,2\}$ |  |  |  |  |  |
| $\{10,4,5,2,6,7\}$ |  |  |  |  |  |
| $\{6,9,1,3,2,8\}$ |  |  |  |  |  |
| $\{1,2,10,5\}$ |  |  |  |  |  |
| $\{, 1,7,5\}$ |  |  |  |  |  |
| $\{1,9,3,2\}$ |  |  |  |  |  |
| $\{10,9,1,8\}$ |  |  |  |  |  |
| $\{10,5,7,8\}$ |  |  |  |  |  |
| $\{1,5,10,9,8\}$ |  |  |  |  |  |
| $\{1,3,8,2,6,9\}$ |  |  |  |  |  |
| $\{8,4,10,3,7\}$ |  |  |  |  |  |
| $\{8,5,4,3,10\}$ |  |  |  |  |  |

11. 

| $A$ | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{4,10,7,1,3,5\}$ |  |  |  |  |  |
| $\{1,8,4,2\}$ |  |  |  |  |  |
| $\{1,3,6,4,7,7\}$ |  |  |  |  |  |
| $\{7,3,1,8,2,6\}$ |  |  |  |  |  |
| $\{2,7,8,4,5,6\}$ |  |  |  |  |  |
| $\{9,6,5,2,3,1\}$ |  |  |  |  |  |
| $\{9,3,5,8\}$ |  |  |  |  |  |
| $\{6,2,10,7\}$ |  |  |  |  |  |
| $\{3,9,7,10,6\}$ |  |  |  |  |  |
| $\{7,3,1,10,6\}$ |  |  |  |  |  |
| $\{9,10,7,5\}$ |  |  |  |  |  |
| $\{7,2,8,9,10,1\}$ |  |  |  |  |  |
| $\{10,9,6,1\}$ |  |  |  |  |  |
| $\{4,2,6,5,10,9\}$ |  |  |  |  |  |
| $\{5,9,6,4\}$ |  |  |  |  |  |
| $\{5,3,7,9\}$ |  |  |  |  |  |
| $\{1,8,5,2\}$ |  |  |  |  |  |
| $\{5,3,1,8\}$ |  |  |  |  |  |
| $\{5,9,2,4\}$ |  |  |  |  |  |
| $\{9,1,6,2,10\}$ |  |  |  |  |  |
| $\{4,6,9,8,7,5\}$ |  |  |  |  |  |
| $\{4,9,3,6\}$ |  |  |  |  |  |
| $\{9,2,1,4,5\}$ |  |  |  |  |  |
| $\{1,7,9,8,5,10\}$ |  |  |  |  |  |
| $\{7,10,8,5\}$ |  |  |  |  |  |
| $\{4,1,2,5\}$ |  |  |  |  |  |
| $\{4,8,6,3,2\}$ |  |  |  |  |  |
| $\{3,10,7,8\}$ |  |  |  |  |  |
| $\{10,6,7,5,4\}$ |  |  |  |  |  |
| $\{3,6,10,1\}$ |  |  |  |  |  |

12. 

| $A$ | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{3,4,10,8,5\}$ |  |  |  |  |  |
| $\{3,5,7,2,1,6\}$ |  |  |  |  |  |
| $\{1,2,10,6\}$ |  |  |  |  |  |
| $\{, 1,7,10,6\}$ |  |  |  |  |  |
| $\{8,9,1,10,7,4\}$ |  |  |  |  |  |
| $\{7,3,8,1,5\}$ |  |  |  |  |  |
| $\{7,9,1,3,6,4\}$ |  |  |  |  |  |
| $\{5,6,4,1,3,8\}$ |  |  |  |  |  |
| $\{2,1,5,7\}$ |  |  |  |  |  |
| $\{1,8,4,2\}$ |  |  |  |  |  |
| $\{9,3,4,5\}$ |  |  |  |  |  |
| $\{5,6,8,3\}$ |  |  |  |  |  |
| $\{\{, 10,2,4,5\}$ |  |  |  |  |  |
| $\{2,10,6,1,5\}$ |  |  |  |  |  |
| $\{5,7,1,4,9\}$ |  |  |  |  |  |
| $\{1,6,1,8,2\}$ |  |  |  |  |  |
| $\{5,9,10,1,3,6\}$ |  |  |  |  |  |
| $\{1,3,10,4\}$ |  |  |  |  |  |
| $\{3,2,9,5,8\}$ |  |  |  |  |  |
| $\{3,2,4,5,7,6\}$ |  |  |  |  |  |
| $\{7,1,6,5,8,3\}$ |  |  |  |  |  |
| $\{, 6,7,1\}$ |  |  |  |  |  |
| $\{3,8,5,2\}$ |  |  |  |  |  |
| $\{6,3,9,5,10,1\}$ |  |  |  |  |  |
| $\{7,9,5,8,1,6\}$ |  |  |  |  |  |
| $\{1,7,5,4\}$ |  |  |  |  |  |
| $\{8,1,9,7,5\}$ |  |  |  |  |  |
| $\{10,8,6,9\}$ |  |  |  |  |  |
| $\{4,7,8,9\}$ |  |  |  |  |  |
| $\{6,2,10,3,8\}$ |  |  |  |  |  |

13. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{6,7,3,4,1,5\}$ |  |  |  |  |  |
| $\{9,7,3,4\}$ |  |  |  |  |  |
| $\{4,9,1,5,6\}$ |  |  |  |  |  |
| $\{5,7,1,3\}$ |  |  |  |  |  |
| $\{2,6,7,8,1,3\}$ |  |  |  |  |  |
| $\{8,5,3,4,1\}$ |  |  |  |  |  |
| $\{4,3,7,1,6\}$ |  |  |  |  |  |
| $\{7,4,6,2,8\}$ |  |  |  |  |  |
| $\{5,2,4,10\}$ |  |  |  |  |  |
| $\{6,10,4,5,2\}$ |  |  |  |  |  |
| $\{7,10,5,6,9,2\}$ |  |  |  |  |  |
| $\{6,1,9,2\}$ |  |  |  |  |  |
| $\{\{0,4,7,2\}$ |  |  |  |  |  |
| $\{9,3,10,7,6,5\}$ |  |  |  |  |  |
| $\{1,2,4,7,10,5\}$ |  |  |  |  |  |
| $\{7,3,9,8,10,2\}$ |  |  |  |  |  |
| $\{9,6,2,3\}$ |  |  |  |  |  |
| $\{7,8,3,1,10,4\}$ |  |  |  |  |  |
| $\{3,4,1,10,8,6\}$ |  |  |  |  |  |
| $\{7,6,3,4,5,1\}$ |  |  |  |  |  |
| $\{8,6,9,4\}$ |  |  |  |  |  |
| $\{9,2,10,3\}$ |  |  |  |  |  |
| $\{10,4,1,9\}$ |  |  |  |  |  |
| $\{9,3,2,5\}$ |  |  |  |  |  |
| $\{7,4,9,8,6,5\}$ |  |  |  |  |  |
| $\{7,3,6,1,10,5\}$ |  |  |  |  |  |
| $\{8,9,9,1,7\}$ |  |  |  |  |  |
| $\{2,6,8,1\}$ |  |  |  |  |  |
| $\{4,5,6,1\}$ |  |  |  |  |  |
| $\{1,4,9,8\}$ |  |  |  |  |  |

14. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{7,4,5,1,8,2\}$ |  |  |  |  |  |
| $\{5,9,1,7\}$ |  |  |  |  |  |
| $\{10,3,2,5\}$ |  |  |  |  |  |
| $\{5,6,1,10,3\}$ |  |  |  |  |  |
| $\{7,9,4,6,5,1\}$ |  |  |  |  |  |
| $\{4,5,1,10\}$ |  |  |  |  |  |
| $\{3,6,8,10,9\}$ |  |  |  |  |  |
| $\{10,1,3,4\}$ |  |  |  |  |  |
| $\{4,8,7,9,6,10\}$ |  |  |  |  |  |
| $\{1,8,9,10,3\}$ |  |  |  |  |  |
| $\{10,7,1,8,9\}$ |  |  |  |  |  |
| $\{4,7,10,9,2,6\}$ |  |  |  |  |  |
| $\{8,1,4,4\}$ |  |  |  |  |  |
| $\{6,3,8,7,1,5\}$ |  |  |  |  |  |
| $\{8,4,10,6\}$ |  |  |  |  |  |
| $\{3,4,6,10\}$ |  |  |  |  |  |
| $\{10,8,9,1,5,2\}$ |  |  |  |  |  |
| $\{7,1,6,5,4\}$ |  |  |  |  |  |
| $\{6,4,2,5,1,8\}$ |  |  |  |  |  |
| $\{5,8,4,2,10\}$ |  |  |  |  |  |
| $\{8,9,7,1\}$ |  |  |  |  |  |
| $\{3,2,5,6,4,7\}$ |  |  |  |  |  |
| $\{3,9,8,10,2,4\}$ |  |  |  |  |  |
| $\{4,5,7,8\}$ |  |  |  |  |  |
| $\{8,7,4,1,6\}$ |  |  |  |  |  |
| $\{7,3,8,4\}$ |  |  |  |  |  |
| $\{7,5,10,8\}$ |  |  |  |  |  |
| $\{8,7,5,10,2,3\}$ |  |  |  |  |  |
| $\{5,2,7,3,9,8\}$ |  |  |  |  |  |
| $\{2,1,8,6,4\}$ |  |  |  |  |  |

15. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{8,10,7,9,2,3\}$ |  |  |  |  |  |
| $\{1,7,9,10,5,2\}$ |  |  |  |  |  |
| $\{9,7,2,5\}$ |  |  |  |  |  |
| $\{5,7,2,4\}$ |  |  |  |  |  |
| $\{10,8,6,4\}$ |  |  |  |  |  |
| $\{6,9,1,3\}$ |  |  |  |  |  |
| $\{9,7,1,2,6\}$ |  |  |  |  |  |
| $\{3,7,6,8,70\}$ |  |  |  |  |  |
| $\{1,4,8,7\}$ |  |  |  |  |  |
| $\{7,10,4,5,2,6\}$ |  |  |  |  |  |
| $\{9,5,1,6\}$ |  |  |  |  |  |
| $\{5,6,3,4\}$ |  |  |  |  |  |
| $\{8,2,1,6\}$ |  |  |  |  |  |
| $\{1,4,6,7,2\}$ |  |  |  |  |  |
| $\{8,6,5,1\}$ |  |  |  |  |  |
| $\{3,7,8,4\}$ |  |  |  |  |  |
| $\{8,3,6,9,4,10\}$ |  |  |  |  |  |
| $\{8,5,3,6\}$ |  |  |  |  |  |
| $\{8,10,4,7,5,3\}$ |  |  |  |  |  |
| $\{9,1,4,6\}$ |  |  |  |  |  |
| $\{7,5,9,2,8,6\}$ |  |  |  |  |  |
| $\{8,10,1,9,6\}$ |  |  |  |  |  |
| $\{1,8,7,2\}$ |  |  |  |  |  |
| $\{8,5,4,3\}$ |  |  |  |  |  |
| $\{9,3,8,4\}$ |  |  |  |  |  |
| $\{1,8,3,5\}$ |  |  |  |  |  |
| $\{2,6,1,9,9,4\}$ |  |  |  |  |  |
| $\{3,9,8,5,7\}$ |  |  |  |  |  |
| $\{4,2,9,7\}$ |  |  |  |  |  |
| $\{7,6,10,9,5\}$ |  |  |  |  |  |

16. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{7,9,5,1\}$ |  |  |  |  |  |
| $\{6,9,5,1\}$ |  |  |  |  |  |
| $\{6,4,7,9,2,10\}$ |  |  |  |  |  |
| $\{1,10,7,9,4\}$ |  |  |  |  |  |
| $\{1,9,6,2,4,3\}$ |  |  |  |  |  |
| $\{7,10,2,4\}$ |  |  |  |  |  |
| $\{1,8,5,2\}$ |  |  |  |  |  |
| $\{5,3,4,9\}$ |  |  |  |  |  |
| $\{5,7,4,10,9\}$ |  |  |  |  |  |
| $\{1,8,5,3\}$ |  |  |  |  |  |
| $\{2,5,9,7\}$ |  |  |  |  |  |
| $\{2,1,10,4,9\}$ |  |  |  |  |  |
| $\{1,6,5,3,4\}$ |  |  |  |  |  |
| $\{3,1,4,10,2,5\}$ |  |  |  |  |  |
| $\{3,4,1,5,6,2\}$ |  |  |  |  |  |
| $\{6,10,2,3,1,8\}$ |  |  |  |  |  |
| $\{9,7,1,3,4,5\}$ |  |  |  |  |  |
| $\{7,8,10,2,9,1\}$ |  |  |  |  |  |
| $\{8,7,2,4\}$ |  |  |  |  |  |
| $\{5,8,7,2,4,3\}$ |  |  |  |  |  |
| $\{9,3,10,4\}$ |  |  |  |  |  |
| $\{6,7,1,10,4\}$ |  |  |  |  |  |
| $\{6,5,7,2,10,3\}$ |  |  |  |  |  |
| $\{8,10,9,7,1\}$ |  |  |  |  |  |
| $\{6,7,5,1,9\}$ |  |  |  |  |  |
| $\{4,2,10,6,1\}$ |  |  |  |  |  |
| $\{5,3,9,1,8\}$ |  |  |  |  |  |
| $\{5,3,7,4,2\}$ |  |  |  |  |  |
| $\{6,9,7,1,10\}$ |  |  |  |  |  |
| $\{6,2,8,3,7,5\}$ |  |  |  |  |  |

17. 

| $A$ | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{7,1,10,5,2\}$ |  |  |  |  |  |
| $\{7,5,2,6,1,4\}$ |  |  |  |  |  |
| $\{3,1,2,8\}$ |  |  |  |  |  |
| $\{8,10,7,3\}$ |  |  |  |  |  |
| $\{9,3,8,6\}$ |  |  |  |  |  |
| $\{6,7,5,8\}$ |  |  |  |  |  |
| $\{6,2,7,4,3\}$ |  |  |  |  |  |
| $\{9,8,4,1,7,10\}$ |  |  |  |  |  |
| $\{4,1,8,6\}$ |  |  |  |  |  |
| $\{10,9,2,8\}$ |  |  |  |  |  |
| $\{6,3,8,9\}$ |  |  |  |  |  |
| $\{8,6,4,1\}$ |  |  |  |  |  |
| $\{6,5,5,7,3,2\}$ |  |  |  |  |  |
| $\{10,4,9,8,3,1\}$ |  |  |  |  |  |
| $\{4,9,6,10\}$ |  |  |  |  |  |
| $\{4,3,1,8,5\}$ |  |  |  |  |  |
| $\{2,6,1,4,5\}$ |  |  |  |  |  |
| $\{2,9,7,4,1\}$ |  |  |  |  |  |
| $\{8,10,7,6,2,3\}$ |  |  |  |  |  |
| $\{6,10,4,3,2,7\}$ |  |  |  |  |  |
| $\{7,10,9,8,6\}$ |  |  |  |  |  |
| $\{4,2,3,1,7\}$ |  |  |  |  |  |
| $\{7,4,9,1\}$ |  |  |  |  |  |
| $\{2,5,4,1\}$ |  |  |  |  |  |
| $\{10,5,7,1\}$ |  |  |  |  |  |
| $\{3,6,4,4\}$ |  |  |  |  |  |
| $\{9,6,4,10,8,1\}$ |  |  |  |  |  |
| $\{3,8,1,5,6\}$ |  |  |  |  |  |
| $\{7,5,2,6\}$ |  |  |  |  |  |
| $\{1,3,6,10,9\}$ |  |  |  |  |  |

18. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{4,9,5,6,2,1\}$ |  |  |  |  |  |
| $\{8,5,1,3\}$ |  |  |  |  |  |
| $\{6,3,10,9,5\}$ |  |  |  |  |  |
| $\{2,4,5,9,7\}$ |  |  |  |  |  |
| $\{3,4,9,1\}$ |  |  |  |  |  |
| $\{7,9,1,6\}$ |  |  |  |  |  |
| $\{9,2,7,6,1\}$ |  |  |  |  |  |
| $\{9,7,1,10,6\}$ |  |  |  |  |  |
| $\{2,3,5,7,9,9\}$ |  |  |  |  |  |
| $\{4,9,2,3\}$ |  |  |  |  |  |
| $\{8,9,4,10,3\}$ |  |  |  |  |  |
| $\{1,2,7,5,4\}$ |  |  |  |  |  |
| $\{5,7,3,4,6,2\}$ |  |  |  |  |  |
| $\{7,3,9,6,10\}$ |  |  |  |  |  |
| $\{5,6,3,10,1,2\}$ |  |  |  |  |  |
| $\{4,1,8,2\}$ |  |  |  |  |  |
| $\{6,4,10,5,9\}$ |  |  |  |  |  |
| $\{5,8,3,7,2,6\}$ |  |  |  |  |  |
| $\{5,4,7,1,3\}$ |  |  |  |  |  |
| $\{9,10,7,3,2\}$ |  |  |  |  |  |
| $\{10,4,5,9,3\}$ |  |  |  |  |  |
| $\{7,8,2,1,6,10\}$ |  |  |  |  |  |
| $\{1,10,4,6\}$ |  |  |  |  |  |
| $\{2,3,6,7\}$ |  |  |  |  |  |
| $\{1,9,7,10,4\}$ |  |  |  |  |  |
| $\{1,7,8,2,9,10\}$ |  |  |  |  |  |
| $\{2,5,1,1,1,7\}$ |  |  |  |  |  |
| $\{4,1,10,3,6,9\}$ |  |  |  |  |  |
| $\{8,4,10,7,1\}$ |  |  |  |  |  |
| $\{3,7,10,5,2\}$ |  |  |  |  |  |

19. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{9,4,7,6,10,3\}$ |  |  |  |  |  |
| $\{2,10,8,5,6,7\}$ |  |  |  |  |  |
| $\{10,2,8,1,7\}$ |  |  |  |  |  |
| $\{4,5,3,6,1,7\}$ |  |  |  |  |  |
| $\{9,4,6,7\}$ |  |  |  |  |  |
| $\{5,10,2,3,4,9\}$ |  |  |  |  |  |
| $\{8,7,10,2\}$ |  |  |  |  |  |
| $\{2,10,5,8,4,9\}$ |  |  |  |  |  |
| $\{3,1,5,8\}$ |  |  |  |  |  |
| $\{9,4,10,3,7,5\}$ |  |  |  |  |  |
| $\{5,9,10,3\}$ |  |  |  |  |  |
| $\{3,9,6,2,10,8\}$ |  |  |  |  |  |
| $\{5,9,4,7,8\}$ |  |  |  |  |  |
| $\{1,2,4,10\}$ |  |  |  |  |  |
| $\{5,1,3,7,6\}$ |  |  |  |  |  |
| $\{8,10,2,6,1,7\}$ |  |  |  |  |  |
| $\{6,1,3,4\}$ |  |  |  |  |  |
| $\{5,4,10,7\}$ |  |  |  |  |  |
| $\{2,9,3,8,10,7\}$ |  |  |  |  |  |
| $\{7,9,5,1\}$ |  |  |  |  |  |
| $\{3,8,4,2\}$ |  |  |  |  |  |
| $\{2,1,7,10\}$ |  |  |  |  |  |
| $\{4,9,6,3,7,5\}$ |  |  |  |  |  |
| $\{8,6,10,3,9,4\}$ |  |  |  |  |  |
| $\{5,8,2,4,9,1\}$ |  |  |  |  |  |
| $\{8,1,9,4,6\}$ |  |  |  |  |  |
| $\{2,9,7,3,8\}$ |  |  |  |  |  |
| $\{6,4,2,5,8,9\}$ |  |  |  |  |  |
| $\{10,3,9,6,1,4\}$ |  |  |  |  |  |
| $\{5,8,1,2,7,6\}$ |  |  |  |  |  |

20. 

| $A$ | $1 \in A$ | $2 \in A$ | $3 \in A$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{7,8,4,6\}$ |  |  |  |  |  |
| $\{1,6,2,3\}$ |  |  |  |  |  |
| $\{5,1,10,7\}$ |  |  |  |  |  |
| $\{9,2,1,5,6\}$ |  |  |  |  |  |
| $\{8,10,1,9,5,2\}$ |  |  |  |  |  |
| $\{7,6,10,2\}$ |  |  |  |  |  |
| $\{1,5,6,8\}$ |  |  |  |  |  |
| $\{10,2,3,8,7\}$ |  |  |  |  |  |
| $\{7,5,6,10,2\}$ |  |  |  |  |  |
| $\{1,4,7,3,2,9\}$ |  |  |  |  |  |
| $\{8,9,5,10\}$ |  |  |  |  |  |
| $\{4,5,3,6,8\}$ |  |  |  |  |  |
| $\{3,9,5,10,4\}$ |  |  |  |  |  |
| $\{1,3,6,2\}$ |  |  |  |  |  |
| $\{2,4,9,6,5\}$ |  |  |  |  |  |
| $\{4,5,10,8\}$ |  |  |  |  |  |
| $\{10,5,3,6,4,2\}$ |  |  |  |  |  |
| $\{6,9,9,5,2\}$ |  |  |  |  |  |
| $\{8,6,9,10\}$ |  |  |  |  |  |
| $\{10,8,9,3,5,1\}$ |  |  |  |  |  |
| $\{8,4,1,10,3,9\}$ |  |  |  |  |  |
| $\{8,3,2,4,5,6\}$ |  |  |  |  |  |
| $\{7,4,9,2\}$ |  |  |  |  |  |
| $\{7,9,2,4,1,6\}$ |  |  |  |  |  |
| $\{10,6,8,5\}$ |  |  |  |  |  |
| $\{5,9,1,7,10\}$ |  |  |  |  |  |
| $\{7,10,4,3\}$ |  |  |  |  |  |
| $\{2,6,5,4,9,3\}$ |  |  |  |  |  |
| $\{8,9,10,2\}$ |  |  |  |  |  |
| $\{6,10,3,4,2,9\}$ |  |  |  |  |  |

21. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{4,10,7,2,3,5\}$ |  |  |  |  |  |
| $\{2,3,7,10\}$ |  |  |  |  |  |
| $\{9,3,10,6\}$ |  |  |  |  |  |
| $\{9,3,7,2,1\}$ |  |  |  |  |  |
| $\{5,3,2,4,10\}$ |  |  |  |  |  |
| $\{10,2,5,6,7\}$ |  |  |  |  |  |
| $\{8,6,1,3,9,4\}$ |  |  |  |  |  |
| $\{3,2,7,10,8,1\}$ |  |  |  |  |  |
| $\{4,1,9,9\}$ |  |  |  |  |  |
| $\{5,6,3,9,1,2\}$ |  |  |  |  |  |
| $\{1,7,5,9\}$ |  |  |  |  |  |
| $\{5,6,2,8,4,10\}$ |  |  |  |  |  |
| $\{6,7,4,10,5,9\}$ |  |  |  |  |  |
| $\{7,5,3,10,4,8\}$ |  |  |  |  |  |
| $\{7,10,8,6\}$ |  |  |  |  |  |
| $\{9,5,4,6,7,8\}$ |  |  |  |  |  |
| $\{6,7,9,1\}$ |  |  |  |  |  |
| $\{9,8,5,4,6\}$ |  |  |  |  |  |
| $\{5,9,10,2\}$ |  |  |  |  |  |
| $\{1,3,8,2,6,7\}$ |  |  |  |  |  |
| $\{3,1,1,8,5\}$ |  |  |  |  |  |
| $\{5,7,2,3\}$ |  |  |  |  |  |
| $\{2,1,6,9,3\}$ |  |  |  |  |  |
| $\{9,10,2,7,5\}$ |  |  |  |  |  |
| $\{2,10,7,3,1,8\}$ |  |  |  |  |  |
| $\{5,8,1,9,7,2\}$ |  |  |  |  |  |
| $\{65,7,8\}$ |  |  |  |  |  |
| $\{2,7,9,6\}$ |  |  |  |  |  |
| $\{6,8,9,1,5,2\}$ |  |  |  |  |  |
| $\{2,6,7,5,1,10\}$ |  |  |  |  |  |

22. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{2,1,5,10,3,9\}$ |  |  |  |  |  |
| $\{8,9,10,7,3,2\}$ |  |  |  |  |  |
| $\{9,8,10,4\}$ |  |  |  |  |  |
| $\{7,9,6,5,5,4\}$ |  |  |  |  |  |
| $\{8,7,2,3\}$ |  |  |  |  |  |
| $\{1,4,8,10\}$ |  |  |  |  |  |
| $\{4,6,9,10,2,3\}$ |  |  |  |  |  |
| $\{2,8,3,7,9,3\}$ |  |  |  |  |  |
| $\{7,3,4,8,1,6\}$ |  |  |  |  |  |
| $\{2,9,1,6,7,3\}$ |  |  |  |  |  |
| $\{8,6,7,3,2\}$ |  |  |  |  |  |
| $\{3,7,8,1,10,9\}$ |  |  |  |  |  |
| $\{0,7,2,6,1\}$ |  |  |  |  |  |
| $\{2,10,4,5\}$ |  |  |  |  |  |
| $\{7,3,10,4\}$ |  |  |  |  |  |
| $\{7,2,1,6,9\}$ |  |  |  |  |  |
| $\{4,10,7,1,6\}$ |  |  |  |  |  |
| $\{1,8,5,4,2,7\}$ |  |  |  |  |  |
| $\{10,8,7,9,2\}$ |  |  |  |  |  |
| $\{10,9,4,8\}$ |  |  |  |  |  |
| $\{6,5,8,7\}$ |  |  |  |  |  |
| $\{7,8,5,1,3\}$ |  |  |  |  |  |
| $\{9,6,1,4\}$ |  |  |  |  |  |
| $\{2,7,9,10,1,5\}$ |  |  |  |  |  |
| $\{5,9,3,2,4\}$ |  |  |  |  |  |
| $\{5,7,1,3\}$ |  |  |  |  |  |
| $\{7,5,10,4,8\}$ |  |  |  |  |  |
| $\{5,2,8,10,7\}$ |  |  |  |  |  |
| $\{10,9,7,5,1,2\}$ |  |  |  |  |  |
| $\{3,10,6,4,9\}$ |  |  |  |  |  |

23. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{2,9,6,8\}$ |  |  |  |  |  |
| $\{6,9,7,4,1\}$ |  |  |  |  |  |
| $\{8,7,4,5,1\}$ |  |  |  |  |  |
| $\{2,7,10,8,4,3\}$ |  |  |  |  |  |
| $\{2,3,9,10,1,8\}$ |  |  |  |  |  |
| $\{1,3,2,9,5\}$ |  |  |  |  |  |
| $\{3,6,5,2\}$ |  |  |  |  |  |
| $\{7,3,5,1,2,10\}$ |  |  |  |  |  |
| $\{5,4,8,3,1,7\}$ |  |  |  |  |  |
| $\{3,10,8,1,5,2\}$ |  |  |  |  |  |
| $\{3,5,4,10,2\}$ |  |  |  |  |  |
| $\{9,6,7,10\}$ |  |  |  |  |  |
| $\{8,6,9,2\}$ |  |  |  |  |  |
| $\{3,4,1,2,7,6\}$ |  |  |  |  |  |
| $\{10,8,6,1\}$ |  |  |  |  |  |
| $\{7,4,3,5\}$ |  |  |  |  |  |
| $\{7,103,9,2\}$ |  |  |  |  |  |
| $\{8,10,1,9,4\}$ |  |  |  |  |  |
| $\{3,1,5,6\}$ |  |  |  |  |  |
| $\{5,10,8,1,6\}$ |  |  |  |  |  |
| $\{9,5,4,6,3,10\}$ |  |  |  |  |  |
| $\{2,6,8,1,10,4\}$ |  |  |  |  |  |
| $\{9,4,7,5\}$ |  |  |  |  |  |
| $\{7,8,4,2,6,9\}$ |  |  |  |  |  |
| $\{9,5,3,1,7,7\}$ |  |  |  |  |  |
| $\{0,6,5,4,3\}$ |  |  |  |  |  |
| $\{5,7,3,8\}$ |  |  |  |  |  |
| $\{4,8,7,10\}$ |  |  |  |  |  |
| $\{7,10,9,1,5\}$ |  |  |  |  |  |
| $\{1,3,10,9,6\}$ |  |  |  |  |  |

24. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{8,7,1,9,10,2\}$ |  |  |  |  |  |
| $\{6,10,8,1\}$ |  |  |  |  |  |
| $\{8,1,4,3,6,2\}$ |  |  |  |  |  |
| $\{3,6,9,2\}$ |  |  |  |  |  |
| $\{1,7,10,9,8\}$ |  |  |  |  |  |
| $\{3,10,2,8,9,1\}$ |  |  |  |  |  |
| $\{4,10,9,3\}$ |  |  |  |  |  |
| $\{3,5,8,7,4\}$ |  |  |  |  |  |
| $\{4,6,9,5\}$ |  |  |  |  |  |
| $\{5,6,10,3,8,7\}$ |  |  |  |  |  |
| $\{2,4,1,3,6,5\}$ |  |  |  |  |  |
| $\{10,6,8,3,4,9\}$ |  |  |  |  |  |
| $\{3,5,6,109,7\}$ |  |  |  |  |  |
| $\{4,3,6,1,5,10\}$ |  |  |  |  |  |
| $\{9,10,2,6,7\}$ |  |  |  |  |  |
| $\{5,10,6,7,8,9\}$ |  |  |  |  |  |
| $\{5,9,2,4,7\}$ |  |  |  |  |  |
| $\{8,7,2,6,9,3\}$ |  |  |  |  |  |
| $\{8,3,2,5,1\}$ |  |  |  |  |  |
| $\{6,10,2,8\}$ |  |  |  |  |  |
| $\{4,6,1,5,2,1\}$ |  |  |  |  |  |
| $\{, 5,5,9\}$ |  |  |  |  |  |
| $\{10,6,7,4,1,2\}$ |  |  |  |  |  |
| $\{1,8,4,2,3,6\}$ |  |  |  |  |  |
| $\{4,2,9,3,6,1\}$ |  |  |  |  |  |
| $\{2,10,9,5,8,7\}$ |  |  |  |  |  |
| $\{8,2,10,4,1\}$ |  |  |  |  |  |
| $\{5,9,10,6,4\}$ |  |  |  |  |  |
| $\{1,10,3,6\}$ |  |  |  |  |  |
| $\{6,9,7,5,1,3\}$ |  |  |  |  |  |

25. 

| $A$ | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | 46 A | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{3,9,8,4\}$ |  |  |  |  |  |
| $\{5,1,6,2,3,9\}$ |  |  |  |  |  |
| $\{4,3,9,6\}$ |  |  |  |  |  |
| $\{5,8,1,6,10,3\}$ |  |  |  |  |  |
| $\{8,10,4,2\}$ |  |  |  |  |  |
| $\{3,6,7,9,5\}$ |  |  |  |  |  |
| $\{1,9,6,4,8\}$ |  |  |  |  |  |
| $\{7,2,9,5\}$ |  |  |  |  |  |
| $\{4,1,8,7,3,10\}$ |  |  |  |  |  |
| $\{7,4,9,6,8\}$ |  |  |  |  |  |
| $\{1,7,5,6,9\}$ |  |  |  |  |  |
| $\{3,2,5,7,10,4\}$ |  |  |  |  |  |
| $\{6,5,7,2,4,9\}$ |  |  |  |  |  |
| $\{9,7,4,6,5,8\}$ |  |  |  |  |  |
| $\{4,6,2,8,3\}$ |  |  |  |  |  |
| $\{6,10,5,4,8\}$ |  |  |  |  |  |
| $\{2,1,5,7,4\}$ |  |  |  |  |  |
| $\{0,2,3,5,1\}$ |  |  |  |  |  |
| $\{6,1,7,3,8\}$ |  |  |  |  |  |
| $\{4,6,2,7\}$ |  |  |  |  |  |
| $\{7,6,8,1\}$ |  |  |  |  |  |
| $\{4,1,5,8\}$ |  |  |  |  |  |
| $\{6,10,1,9,2,3\}$ |  |  |  |  |  |
| $\{1,7,2,6,10,5\}$ |  |  |  |  |  |
| $\{1,6,9,5\}$ |  |  |  |  |  |
| $\{3,7,6,4\}$ |  |  |  |  |  |
| $\{9,2,3,8\}$ |  |  |  |  |  |
| $\{1,7,8,9,5\}$ |  |  |  |  |  |
| $\{4,9,1,10\}$ |  |  |  |  |  |
| $\{9,2,3,1,4\}$ |  |  |  |  |  |

26. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{10,9,5,4,6,1\}$ |  |  |  |  |  |
| $\{4,7,10,2,8\}$ |  |  |  |  |  |
| $\{8,7,9,5\}$ |  |  |  |  |  |
| $\{1,8,6,9,9,7\}$ |  |  |  |  |  |
| $\{9,10,4,7\}$ |  |  |  |  |  |
| $\{1,10,4,9,6\}$ |  |  |  |  |  |
| $\{1,6,8,4\}$ |  |  |  |  |  |
| $\{0,4,5,6,1\}$ |  |  |  |  |  |
| $\{2,106,4,5,1\}$ |  |  |  |  |  |
| $\{4,9,3,8,2,10\}$ |  |  |  |  |  |
| $\{7,8,6,9\}$ |  |  |  |  |  |
| $\{6,2,3,9,1\}$ |  |  |  |  |  |
| $\{1,9,5,8,1,2\}$ |  |  |  |  |  |
| $\{8,5,1,3,2,10\}$ |  |  |  |  |  |
| $\{9,8,3,5\}$ |  |  |  |  |  |
| $\{4,10,7,2\}$ |  |  |  |  |  |
| $\{6,7,10,3\}$ |  |  |  |  |  |
| $\{5,6,2,4\}$ |  |  |  |  |  |
| $\{6,10,3,1,8\}$ |  |  |  |  |  |
| $\{5,6,4,7,8\}$ |  |  |  |  |  |
| $\{3,7,5,9\}$ |  |  |  |  |  |
| $\{1,3,4,9,10,5\}$ |  |  |  |  |  |
| $\{5,9,6,2,8,4\}$ |  |  |  |  |  |
| $\{2,1,6,8\}$ |  |  |  |  |  |
| $\{4,5,8,1,3,10\}$ |  |  |  |  |  |
| $\{6,2,1,8\}$ |  |  |  |  |  |
| $\{9,1,5,3\}$ |  |  |  |  |  |
| $\{1,3,9,5\}$ |  |  |  |  |  |
| $\{6,10,2,3\}$ |  |  |  |  |  |
| $\{4,8,6,9\}$ |  |  |  |  |  |


| 27. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A | 1,A | $2 \in A$ | $3 \in A$ | 4¢A | $5 \in \mathrm{~A}$ |
| \{3, 9, 6, 4, 2\} |  |  |  |  |  |
| \{3, 9, 5, 4, 6, 7\} |  |  |  |  |  |
| \{1, 5, 8, 7, 10, 3\} |  |  |  |  |  |
| \{9,3,4, 1, 6\} |  |  |  |  |  |
| $\{6,7,4,5,8\}$ |  |  |  |  |  |
| \{2, 4, 7, 5\} |  |  |  |  |  |
| $\{9,10,6,5,4,2\}$ |  |  |  |  |  |
| \{10, $6,4,3,1\}$ |  |  |  |  |  |
| \{5, 9, 6, 2\} |  |  |  |  |  |
| \{4,9,6,3\} |  |  |  |  |  |
| \{2, 10, 8, 3, 9, 5\} |  |  |  |  |  |
| \{10, $8,7,9,1\}$ |  |  |  |  |  |
| \{6,4, 10, 1, 5\} |  |  |  |  |  |
| \{1,8,9,3,4,6\} |  |  |  |  |  |
| $\{9,4,6,8\}$ |  |  |  |  |  |
| \{9,10, 1, 8, 4\} |  |  |  |  |  |
| \{2, 5, 3, 10, 8\} |  |  |  |  |  |
| \{2,6,9,4,5\} |  |  |  |  |  |
| $\{5,6,10,4,7\}$ |  |  |  |  |  |
| $\{7,10,5,9,6\}$ |  |  |  |  |  |
| $\{6,2,4,7\}$ |  |  |  |  |  |
| \{7, 2, 6, 4, 3\} |  |  |  |  |  |
| \{4,10, 9, 6, 8, 5\} |  |  |  |  |  |
| \{7,5,6,4,1,2\} |  |  |  |  |  |
| \{4, 2, 10, 3,7$\}$ |  |  |  |  |  |
| \{3,4, 10, 5, 7\} |  |  |  |  |  |
| \{8,3,1,7,10,9\} |  |  |  |  |  |
| $\{9,10,6,3,1,7\}$ |  |  |  |  |  |
| \{4,7,5,3,9,6\} |  |  |  |  |  |
| \{5,6, 1, 7, 10\} |  |  |  |  |  |

28. 

| $A$ | $1 \in A$ | $2 \in A$ | $3 \in A$ | $4 \in A$ | $5 \in A$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{1,5,10,2,6,7\}$ |  |  |  |  |  |
| $\{4,2,3,9\}$ |  |  |  |  |  |
| $\{6,3,8,2,7,10\}$ |  |  |  |  |  |
| $\{5,3,6,1,10\}$ |  |  |  |  |  |
| $\{104,7,2,8,3\}$ |  |  |  |  |  |
| $\{3,8,1,10\}$ |  |  |  |  |  |
| $\{2,4,7,9,5\}$ |  |  |  |  |  |
| $\{2,1,10,7,4,5\}$ |  |  |  |  |  |
| $\{6,2,3,10,9,8\}$ |  |  |  |  |  |
| $\{6,9,9,2,1\}$ |  |  |  |  |  |
| $\{7,1,10,8,4\}$ |  |  |  |  |  |
| $\{4,7,5,10,9\}$ |  |  |  |  |  |
| $\{2,7,1,10,5,8\}$ |  |  |  |  |  |
| $\{1,4,2,9,7,10\}$ |  |  |  |  |  |
| $\{8,1,7,5,10,6\}$ |  |  |  |  |  |
| $\{10,1,4,3\}$ |  |  |  |  |  |
| $\{9,10,5,1\}$ |  |  |  |  |  |
| $\{4,8,1,6,7\}$ |  |  |  |  |  |
| $\{5,10,2,1,9\}$ |  |  |  |  |  |
| $\{1,3,8,10\}$ |  |  |  |  |  |
| $\{5,1,3,10,2,8\}$ |  |  |  |  |  |
| $\{8,6,4,7,1,2\}$ |  |  |  |  |  |
| $\{, 5,10,1\}$ |  |  |  |  |  |
| $\{4,7,3,9\}$ |  |  |  |  |  |
| $\{8,9,7,6,4,1\}$ |  |  |  |  |  |
| $\{6,8,7,10,2\}$ |  |  |  |  |  |
| $\{1,1,9,3,6\}$ |  |  |  |  |  |
| $\{6,10,7,9,8,2\}$ |  |  |  |  |  |
| $\{1,7,3,9,8\}$ |  |  |  |  |  |
| $\{8,7,9,3\}$ |  |  |  |  |  |

29. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{6,1,4,2\}$ |  |  |  |  |  |
| $\{9,6,3,4\}$ |  |  |  |  |  |
| $\{7,2,5,10,3\}$ |  |  |  |  |  |
| $\{6,10,1,8,5\}$ |  |  |  |  |  |
| $\{10,9,5,2\}$ |  |  |  |  |  |
| $\{6,1,4,2\}$ |  |  |  |  |  |
| $\{5,1,6,10,7\}$ |  |  |  |  |  |
| $\{3,9,4,2,1\}$ |  |  |  |  |  |
| $\{5,10,1,2,3,7\}$ |  |  |  |  |  |
| $\{8,4,10,2,6,3\}$ |  |  |  |  |  |
| $\{6,10,3,1\}$ |  |  |  |  |  |
| $\{9,5,2,1,6\}$ |  |  |  |  |  |
| $\{3,9,10,1,4\}$ |  |  |  |  |  |
| $\{5,10,2,8,9,7\}$ |  |  |  |  |  |
| $\{5,7,3,4\}$ |  |  |  |  |  |
| $\{9,8,7,10,2,3\}$ |  |  |  |  |  |
| $\{10,1,4,2\}$ |  |  |  |  |  |
| $\{2,7,8,1,5,6\}$ |  |  |  |  |  |
| $\{8,1,6,7,4,10\}$ |  |  |  |  |  |
| $\{4,8,10,3,5\}$ |  |  |  |  |  |
| $\{4,6,3,7\}$ |  |  |  |  |  |
| $\{5,4,8,10,7,2\}$ |  |  |  |  |  |
| $\{7,2,6,4,8\}$ |  |  |  |  |  |
| $\{1,2,4,10,8\}$ |  |  |  |  |  |
| $\{8,2,7,4,6\}$ |  |  |  |  |  |
| $\{9,1,2,5\}$ |  |  |  |  |  |
| $\{, 9,5,4\}$ |  |  |  |  |  |
| $\{7,10,3,5,6,8\}$ |  |  |  |  |  |
| $\{7,8,9,4,10\}$ |  |  |  |  |  |
| $\{1,5,10,2,9,7\}$ |  |  |  |  |  |


| 30. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| A | 1¢A | $2 \in A$ | 3eA | $4 \in \mathrm{~A}$ | 5¢A |
| \{1,8,5,2\} |  |  |  |  |  |
| \{4,5,10,3\} |  |  |  |  |  |
| $\{6,10,8,5,3,7\}$ |  |  |  |  |  |
| $\{7,4,10,2,9\}$ |  |  |  |  |  |
| \{8, 10, 2, 5\} |  |  |  |  |  |
| \{1,6, 9, 10\} |  |  |  |  |  |
| $\{3,7,6,5,8\}$ |  |  |  |  |  |
| $\{5,1,8,9,6,4\}$ |  |  |  |  |  |
| \{9,5, 10, 3, 1\} |  |  |  |  |  |
| $\{9,7,8,5\}$ |  |  |  |  |  |
| \{9,8, 4, 7, 3$\}$ |  |  |  |  |  |
| \{7,5,9,3,6\} |  |  |  |  |  |
| $\{4,7,6,8,10\}$ |  |  |  |  |  |
| \{3, 10, 2, 4, 9, 8\} |  |  |  |  |  |
| \{6, 4, 5, 9\} |  |  |  |  |  |
| $\{8,10,1,2,6,5\}$ |  |  |  |  |  |
| \{6,5,10,4,3\} |  |  |  |  |  |
| $\{2,9,10,6,8,7\}$ |  |  |  |  |  |
| \{1, 8, 5, 3, 2\} |  |  |  |  |  |
| $\{5,10,8,6,1,7\}$ |  |  |  |  |  |
| \{10, 1, 2, 3\} |  |  |  |  |  |
| \{1,4,8,10,6,5\} |  |  |  |  |  |
| \{9, 2, 10,5\} |  |  |  |  |  |
| \{3, $5,4,10,2\}$ |  |  |  |  |  |
| \{8, 6, 3, 2, 4\} |  |  |  |  |  |
| $\{5,6,2,7,10,8\}$ |  |  |  |  |  |
| $\{5,7,4,8,3\}$ |  |  |  |  |  |
| \{4, 1, 10, 8, 3\} |  |  |  |  |  |
| $\{2,6,1,9,3,4\}$ |  |  |  |  |  |
| \{1,6,8,5\} |  |  |  |  |  |

Rešitve:
1.

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{8,9,4,10,1,7\}$ | R | N | N | R | N |
| $\{10,9,8,6,7\}$ | N | N | N | N | N |
| $\{5,3,1,4,6\}$ | R | N | R | R | R |
| $\{1,3,8,6,9\}$ | R | N | R | N | N |
| $\{2,5,9,8,6,10\}$ | N | R | N | N | R |
| $\{1,7,10,9,8\}$ | R | N | N | N | N |
| $\{9,3,2,10\}$ | N | R | R | N | N |
| $\{4,6,5,7\}$ | N | N | N | R | R |
| $\{5,2,7,8\}$ | N | R | N | N | R |
| $\{4,8,6,5,3\}$ | N | N | R | R | R |
| $\{1,10,2,9,5,8\}$ | R | R | N | N | R |
| $\{2,1,4,3,10\}$ | R | R | R | R | N |
| $\{8,4,3,2\}$ | N | R | R | R | N |
| $\{9,5,8,6,4,10\}$ | N | N | N | R | R |
| $\{8,6,4,7\}$ | N | N | N | R | N |
| $\{8,2,10,9,7\}$ | N | R | N | N | N |
| $\{4,1,2,6,3\}$ | R | R | R | R | N |
| $\{5,6,2,10\}$ | N | R | N | N | R |
| $\{9,5,6,3\}$ | N | N | R | N | R |
| $\{1,8,10,3\}$ | R | N | R | N | N |
| $\{3,6,8,2,1,9\}$ | R | R | R | N | N |
| $\{10,8,5,9,6,3\}$ | N | N | R | N | R |
| $\{5,1,3,6,8\}$ | R | N | R | N | R |
| $\{3,10,1,5,8\}$ | R | N | R | N | R |
| $\{7,1,10,2,8,5\}$ | R | R | N | N | R |
| $\{4,3,6,1\}$ | R | N | R | R | N |
| $\{8,2,5,9\}$ | N | R | N | N | R |
| $\{5,7,10,1,3\}$ | R | N | R | N | R |
| $\{9,1,8,3,7,5\}$ | R | N | R | N | R |
| $\{9,6,1,3\}$ | R | N | R | N | N |
|  |  |  |  |  |  |

2. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{10,8,7,1,4,9\}$ | R | N | N | R | N |
| $\{4,10,8,6,9\}$ | N | N | N | R | N |
| $\{7,3,6,4,1,2\}$ | R | R | R | R | N |
| $\{3,6,7,9,4,5\}$ | N | N | R | R | R |
| $\{2,5,9,3\}$ | N | R | R | N | R |
| $\{3,4,6,9,8,2\}$ | N | R | R | R | N |
| $\{5,10,8,3,1,4\}$ | R | N | R | R | R |
| $\{9,5,6,7,1\}$ | R | N | N | N | R |
| $\{, 5,7,10,9,1\}$ | R | R | N | N | R |
| $\{3,10,7,5,2,9\}$ | N | R | R | N | R |
| $\{6,1,7,4,5\}$ | R | N | N | R | R |
| $\{10,6,7,5,1\}$ | R | N | N | N | R |
| $\{7,4,1,10,5,9\}$ | R | N | N | R | R |
| $\{8,3,6,10,2,4\}$ | N | R | R | R | N |
| $\{1,8,7,5,9\}$ | R | N | N | N | R |
| $\{7,8,6,9,4\}$ | N | N | N | R | N |
| $\{6,9,5,10,8,3\}$ | N | N | R | N | R |
| $\{5,1,8,9,2\}$ | N | R | N | N | R |
| $\{8,1,5,9\}$ | R | N | N | N | R |
| $\{3,1,2,7\}$ | R | R | R | N | N |
| $\{9,4,5,7,1,6\}$ | R | N | N | R | R |
| $\{6,2,1,5,9\}$ | R | R | N | N | R |
| $\{8,7,1,3,6,10\}$ | R | N | R | N | N |
| $\{4,6,8,2,9,5\}$ | N | R | N | R | R |
| $\{8,7,9,1\}$ | R | N | N | N | N |
| $\{6,8,3,1,7,2\}$ | R | R | R | N | N |
| $\{, 8,2,9\}$ | N | R | R | N | N |
| $\{4,1,8,9,10,7\}$ | R | N | N | R | N |
| $\{10,6,9,1,3,2\}$ | R | R | R | N | N |
| $\{2,6,5,8\}$ | N | R | N | N | R |

3. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{5,8,10,4\}$ | N | N | N | R | R |
| $\{6,8,9,3\}$ | N | N | R | N | N |
| $\{9,8,3,1,5\}$ | R | N | R | N | R |
| $\{10,7,5,6\}$ | N | N | N | N | R |
| $\{2,10,5,4\}$ | N | R | N | R | R |
| $\{4,3,1,10\}$ | R | N | R | R | N |
| $\{2,7,4,8\}$ | N | R | N | R | N |
| $\{7,8,6,5,2\}$ | N | R | N | N | R |
| $\{4,5,8,3,9\}$ | N | N | R | R | R |
| $\{5,10,6,8,9,7\}$ | N | N | N | N | R |
| $\{1,8,2,7,3\}$ | R | R | R | N | N |
| $\{3,6,8,7,4\}$ | N | N | R | R | N |
| $\{9,2,8,6\}$ | N | R | N | N | N |
| $\{, 8,9,2,5\}$ | N | R | R | N | R |
| $\{10,8,5,1\}$ | R | N | N | N | R |
| $\{2,4,3,1,9,8\}$ | R | R | R | R | N |
| $\{5,3,6,8,7,2\}$ | N | R | R | N | R |
| $\{4,10,1,2\}$ | R | R | N | R | N |
| $\{7,5,2,10,1\}$ | R | R | N | N | R |
| $\{2,7,10,9,6,1\}$ | R | R | N | N | N |
| $\{1,5,6,9,2\}$ | R | R | N | N | R |
| $\{10,4,7,8\}$ | N | N | N | R | N |
| $\{4,7,8,10\}$ | N | N | N | R | N |
| $\{7,1,10,4,3,8\}$ | R | N | R | R | N |
| $\{8,3,2,9\}$ | N | R | R | N | N |
| $\{10,2,3,1\}$ | R | R | R | N | N |
| $\{, 8,7,6\}$ | N | N | R | N | N |
| $\{8,2,10,7,1,6\}$ | R | R | N | N | N |
| $\{3,8,2,5,9,4\}$ | N | R | R | R | R |
| $\{2,4,6,5,7\}$ | N | R | N | R | R |

4. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{5,1,6,10\}$ | R | N | N | N | R |
| $\{3,8,6,9,10\}$ | N | N | R | N | N |
| $\{7,4,9,10\}$ | N | N | N | R | N |
| $\{6,10,7,1,9,8\}$ | R | N | N | N | N |
| $\{2,1,3,10\}$ | R | R | R | N | N |
| $\{9,1,4,8,3,5\}$ | R | N | R | R | R |
| $\{2,10,7,1,3,6\}$ | R | R | R | N | N |
| $\{9,3,2,8,5,6\}$ | N | R | R | N | R |
| $\{9,4,8,5,2,7\}$ | N | R | N | R | R |
| $\{6,8,5,9,7\}$ | N | N | N | N | R |
| $\{1,4,2,8,5,10\}$ | R | R | N | R | R |
| $\{3,5,1,10,7,2\}$ | R | R | R | N | R |
| $\{3,7,4,10\}$ | N | N | R | R | N |
| $\{9,3,1,7,2\}$ | R | R | R | N | N |
| $\{9,10,5,7,8,4\}$ | N | N | N | R | R |
| $\{10,8,1,7,5,3\}$ | R | N | R | N | R |
| $\{9,5,2,8,3\}$ | N | R | R | N | R |
| $\{5,4,3,9,1,8\}$ | R | N | R | R | R |
| $\{3,9,2,8\}$ | N | R | R | N | N |
| $\{8,10,7,3,6,1\}$ | R | N | R | N | N |
| $\{3,7,9,10\}$ | N | N | R | N | N |
| $\{5,9,1,2,6\}$ | R | R | N | N | R |
| $\{3,7,6,5,2\}$ | N | R | R | N | R |
| $\{5,1,9,7\}$ | R | N | N | N | R |
| $\{1,2,7,10\}$ | R | R | N | N | N |
| $\{6,1,10,9,2\}$ | R | R | N | N | N |
| $\{2,9,4,5\}$ | N | R | N | R | R |
| $\{8,1,7,6,10,9\}$ | R | N | N | N | N |
| $\{4,8,3,1\}$ | R | N | R | R | N |
| $\{8,4,10,3,7,6\}$ | N | N | R | R | N |

5. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{5,8,6,3,1\}$ | R | N | R | N | R |
| $\{7,1,5,8\}$ | R | N | N | N | R |
| $\{6,8,7,3\}$ | N | N | R | N | N |
| $\{9,5,6,10,8,3\}$ | N | N | R | N | R |
| $\{1,3,2,10,9\}$ | R | R | R | N | N |
| $\{8,6,5,9,10,3\}$ | N | N | R | N | R |
| $\{7,4,10,3,1\}$ | R | N | R | R | N |
| $\{5,3,8,4\}$ | N | N | R | R | R |
| $\{7,3,8,6,9,10\}$ | N | N | R | N | N |
| $\{8,1,10,4,7,2\}$ | R | R | N | R | N |
| $\{7,9,4,10,8,3\}$ | N | N | R | R | N |
| $\{10,2,7,8\}$ | N | R | N | N | N |
| $\{1,104,9,8\}$ | N | N | N | R | N |
| $\{1,8,9,7,5,3\}$ | R | N | R | N | R |
| $\{6,1,7,4,9,2\}$ | R | R | N | R | N |
| $\{1,6,5,9\}$ | R | N | N | N | R |
| $\{5,2,4,9,7\}$ | N | R | N | R | R |
| $\{10,8,7,9,3\}$ | N | N | R | N | N |
| $\{5,2,10,8,9\}$ | N | R | N | N | R |
| $\{8,6,7,9,10,1\}$ | R | N | N | N | N |
| $\{8,2,10,6,5\}$ | N | R | N | N | R |
| $\{65,2,1,4\}$ | R | R | N | R | R |
| $\{7,10,4,9,8\}$ | N | N | N | R | N |
| $\{8,2,4,10\}$ | N | R | N | R | N |
| $\{4,10,7,6,1\}$ | R | N | N | R | N |
| $\{9,6,5,4,1\}$ | R | N | N | R | R |
| $\{4,1,8,7,9\}$ | R | N | N | R | N |
| $\{4,7,2,6\}$ | N | R | N | R | N |
| $\{4,5,9,8,7,10\}$ | N | N | N | R | R |
| $\{6,1,8,2,9,10\}$ | R | R | N | N | N |

6. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{5,8,1,3,4,7\}$ | R | N | R | R | R |
| $\{3,9,1,6,5,7\}$ | R | N | R | N | R |
| $\{6,7,1,2,10\}$ | R | R | N | N | N |
| $\{4,9,10,1,3\}$ | R | N | R | R | N |
| $\{4,10,5,3,8,7\}$ | N | N | R | R | R |
| $\{2,6,9,3,5,8\}$ | N | R | R | N | R |
| $\{3,7,10,8,1,6\}$ | R | N | R | N | N |
| $\{2,7,9,8\}$ | N | R | N | N | N |
| $\{8,1,3,6\}$ | R | N | R | N | N |
| $\{4,9,8,7,5\}$ | N | N | N | R | R |
| $\{7,4,8,3,10,6\}$ | N | N | R | R | N |
| $\{3,4,6,1\}$ | R | N | R | R | N |
| $\{4,1,2,6\}$ | R | R | N | R | N |
| $\{10,7,3,8\}$ | N | N | R | N | N |
| $\{9,5,3,1,2,8\}$ | R | R | R | N | R |
| $\{8,1,9,6,7\}$ | R | N | N | N | N |
| $\{1,9,6,4,7,8\}$ | R | N | N | R | N |
| $\{8,10,3,4\}$ | N | N | R | R | N |
| $\{5,2,10,6,4\}$ | N | R | N | R | R |
| $\{4,8,5,10\}$ | N | N | N | R | R |
| $\{5,7,10,4\}$ | N | N | N | R | R |
| $\{6,9,7,2,1,8\}$ | R | R | N | N | N |
| $\{3,7,10,6,8\}$ | N | N | R | N | N |
| $\{2,3,10,5,8\}$ | N | R | R | N | R |
| $\{10,7,8,4,9,3\}$ | N | N | R | R | N |
| $\{7,10,5,4,9,6\}$ | N | N | N | R | R |
| $\{10,3,5,8\}$ | N | N | R | N | R |
| $\{10,2,9,6,7,8\}$ | N | R | N | N | N |
| $\{8,10,2,1,7\}$ | R | R | N | N | N |
| $\{3,7,6,2,4,1\}$ | R | R | R | R | N |
|  | N |  |  |  |  |

7. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{3,7,2,8,5,6\}$ | N | R | R | N | R |
| $\{4,2,5,1,10\}$ | R | R | N | R | R |
| $\{1,9,3,7\}$ | R | N | R | N | N |
| $\{3,2,6,8,5,10\}$ | N | R | R | N | R |
| $\{9,2,4,8,5,1\}$ | R | R | N | R | R |
| $\{7,6,4,1,3\}$ | R | N | R | R | N |
| $\{10,2,4,1,5,3\}$ | R | R | R | R | R |
| $\{4,9,1,3,2,5\}$ | R | R | R | R | R |
| $\{5,2,8,6,3\}$ | N | R | R | N | R |
| $\{4,5,8,9,2,3\}$ | N | R | R | R | R |
| $\{1,7,2,5,9,6\}$ | R | R | N | N | R |
| $\{9,4,5,10,6\}$ | N | N | N | R | R |
| $\{5,1,10,4,2\}$ | R | R | R | R | N |
| $\{, 3,2,9,7,10\}$ | N | R | R | N | R |
| $\{10,1,6,4\}$ | R | N | N | R | N |
| $\{4,7,8,10,5\}$ | N | N | N | R | R |
| $\{2,1,5,8\}$ | R | R | N | N | R |
| $\{6,1,3,4,8\}$ | N | N | R | R | N |
| $\{9,2,6,7,3,1\}$ | R | R | R | N | N |
| $\{5,1,4,6,10,2\}$ | R | R | N | R | R |
| $\{1,7,3,4,10,5\}$ | R | N | R | R | R |
| $\{1,8,4,6\}$ | N | N | N | R | R |
| $\{1,2,10,8,7\}$ | R | R | N | N | N |
| $\{1,10,6,8,3,4\}$ | R | N | R | R | N |
| $\{4,6,3,7\}$ | N | N | R | R | N |
| $\{4,8,6,3\}$ | N | N | R | R | N |
| $\{1,8,10,5,6,9\}$ | R | N | N | N | R |
| $\{8,9,7,6\}$ | N | N | N | N | N |
| $\{7,2,10,5\}$ | N | R | N | N | R |
| $\{6,1,10,3,4,5\}$ | R | N | R | R | R |

8. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{4,9,2,8,1,6\}$ | R | R | N | R | N |
| $\{8,9,7,4\}$ | N | N | N | R | N |
| $\{1,10,2,7,8,9\}$ | R | R | N | N | N |
| $\{2,10,9,4,3,6\}$ | N | R | R | R | N |
| $\{1,2,10,7,5,9\}$ | R | R | N | N | R |
| $\{8,3,7,9,2\}$ | N | R | R | N | N |
| $\{7,6,10,4,5,8\}$ | N | N | N | R | R |
| $\{5,8,7,2,6\}$ | N | R | N | N | R |
| $\{3,10,1,7\}$ | R | N | R | N | N |
| $\{2,6,5,10,8,3\}$ | N | R | R | N | R |
| $\{3,7,2,5,6,8\}$ | N | R | R | N | R |
| $\{2,10,9,3,8,5\}$ | N | R | R | N | R |
| $\{8,9,5,6,3\}$ | N | N | R | N | R |
| $\{6,4,3,2,8\}$ | N | R | R | R | N |
| $\{8,9,3,4,6\}$ | N | N | R | R | N |
| $\{7,9,1,8,6,4\}$ | R | N | N | R | N |
| $\{9,1,2,4,6,8\}$ | R | R | N | R | N |
| $\{10,4,7,2\}$ | N | R | N | R | N |
| $\{3,10,5,1\}$ | R | N | R | N | R |
| $\{1,5,7,9,2,4\}$ | R | R | N | R | R |
| $\{4,7,6,1,2,5\}$ | R | R | N | R | R |
| $\{2,4,7,10,5,1\}$ | R | R | N | R | R |
| $\{1,2,6,5,4,8\}$ | R | R | N | R | R |
| $\{9,5,7,2,3,6\}$ | N | R | R | N | R |
| $\{4,10,8,9,6\}$ | N | N | N | R | N |
| $\{8,9,10,5\}$ | N | N | N | N | R |
| $\{9,8,7,3\}$ | N | N | R | N | N |
| $\{3,10,5,6,8\}$ | N | N | R | N | R |
| $\{10,5,8,4,6\}$ | N | N | N | R | R |
| $\{6,7,3,5,10\}$ | N | N | R | N | R |
|  |  |  |  |  |  |

9. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{5,1,9,10,8\}$ | R | N | N | N | R |
| $\{1,2,7,8\}$ | R | R | N | N | N |
| $\{9,4,3,8,10,2\}$ | N | R | R | R | N |
| $\{2,5,3,6,10\}$ | N | R | R | N | R |
| $\{1,10,9,7\}$ | R | N | N | N | N |
| $\{1,6,8,3,10\}$ | R | N | R | N | N |
| $\{4,3,7,6,2\}$ | N | R | R | R | N |
| $\{2,4,9,3,8\}$ | N | R | R | R | N |
| $\{4,8,10,1\}$ | R | N | N | R | N |
| $\{4,7,6,5,1\}$ | R | N | N | R | R |
| $\{5,7,8,10\}$ | N | N | N | N | R |
| $\{6,4,9,7,2\}$ | N | R | N | R | N |
| $\{, 103,6,2\}$ | N | R | R | R | N |
| $\{7,5,6,10,2,3\}$ | N | R | R | N | R |
| $\{2,3,1,6,7\}$ | R | R | R | N | N |
| $\{10,7,3,9,6,8\}$ | N | N | R | N | N |
| $\{2,5,10,6,1,8\}$ | R | R | N | N | R |
| $\{7,6,9,3,1\}$ | R | N | R | N | N |
| $\{3,4,7,10\}$ | N | N | R | R | N |
| $\{9,2,1,7\}$ | R | R | N | N | N |
| $\{7,1,9,5,3\}$ | R | N | R | N | R |
| $\{2,9,7,1,1,8\}$ | R | R | R | N | N |
| $\{7,9,8,3,5\}$ | N | N | R | N | R |
| $\{9,10,8,1,3\}$ | R | N | R | N | N |
| $\{10,5,4,2\}$ | N | R | N | R | R |
| $\{3,1,7,10,4\}$ | R | N | R | R | N |
| $\{4,9,5,7,1\}$ | R | N | N | R | R |
| $\{3,8,4,5,10,7\}$ | N | N | R | R | R |
| $\{6,2,4,10\}$ | N | R | N | R | N |
| $\{10,8,1,9,3,7\}$ | R | N | R | N | N |

10. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{10,4,9,1\}$ | R | N | N | R | N |
| $\{10,3,1,2,9\}$ | R | R | R | N | N |
| $\{10,2,4,5,9,7\}$ | N | R | N | R | R |
| $\{10,3,8,5\}$ | N | N | R | N | R |
| $\{5,9,3,7\}$ | N | N | R | N | R |
| $\{6,9,8,2,4,1\}$ | R | R | N | R | N |
| $\{1,5,2,3,10\}$ | R | R | R | N | R |
| $\{9,8,4,5,2\}$ | N | R | N | R | R |
| $\{8,4,7,2,1,6\}$ | R | R | N | R | N |
| $\{6,4,9,3\}$ | N | N | R | R | N |
| $\{1,9,4,2\}$ | R | R | N | R | N |
| $\{5,9,4,1,7\}$ | R | N | N | R | R |
| $\{6,3,2,4,7\}$ | N | R | R | R | N |
| $\{9,3,5,1\}$ | R | N | R | N | R |
| $\{3,1,2,7\}$ | R | R | R | N | N |
| $\{4,1,7,2,10\}$ | R | R | N | R | N |
| $\{1,7,10,3,2,8\}$ | R | R | R | N | N |
| $\{7,3,9,4\}$ | N | N | R | R | N |
| $\{10,7,1,6,2\}$ | R | R | N | N | N |
| $\{10,4,5,2,6,7\}$ | N | R | N | R | R |
| $\{6,9,1,3,2,8\}$ | R | R | R | N | N |
| $\{1,2,10,5\}$ | R | R | N | N | R |
| $\{6,1,7,5\}$ | R | N | N | N | R |
| $\{1,9,3,2\}$ | R | R | R | N | N |
| $\{10,9,1,8\}$ | R | N | N | N | N |
| $\{10,5,7,8\}$ | N | N | N | N | R |
| $\{2,5,10,9,8\}$ | N | R | N | N | R |
| $\{10,3,8,2,6,9\}$ | N | R | R | N | N |
| $\{8,4,10,3,7\}$ | N | N | R | R | N |
| $\{8,5,4,3,10\}$ | N | N | R | R | R |
|  |  |  |  |  |  |

11. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{4,10,7,1,3,5\}$ | R | N | R | R | R |
| $\{1,8,4,2\}$ | R | R | N | R | N |
| $\{1,3,6,4,7,5\}$ | R | N | R | R | R |
| $\{7,3,1,8,2,6\}$ | N | R | R | N | N |
| $\{2,7,8,4,5,6\}$ | N | R | N | R | R |
| $\{9,6,5,2,3,1\}$ | R | R | R | N | R |
| $\{9,3,5,8\}$ | N | N | R | N | R |
| $\{6,2,10,7\}$ | N | R | N | N | N |
| $\{, 9,7,10,6\}$ | N | N | R | N | N |
| $\{7,3,1,10,6\}$ | R | N | R | N | N |
| $\{9,10,7,5\}$ | N | N | N | N | R |
| $\{7,2,8,9,10,1\}$ | R | R | N | N | N |
| $\{10,9,6,1\}$ | R | N | N | N | N |
| $\{4,2,6,5,10,9\}$ | N | R | N | R | R |
| $\{5,9,6,4\}$ | N | N | N | R | R |
| $\{5,3,7,9\}$ | N | N | R | N | R |
| $\{1,8,5,2\}$ | R | R | N | N | R |
| $\{53,1,8\}$ | R | N | R | N | R |
| $\{5,9,2,4\}$ | N | R | N | R | R |
| $\{9,1,6,2,10\}$ | R | R | N | N | N |
| $\{4,6,9,8,7,5\}$ | N | N | N | R | R |
| $\{4,9,3,6\}$ | N | N | R | R | N |
| $\{9,2,1,4,5\}$ | R | R | N | R | R |
| $\{1,7,9,8,5,10\}$ | R | N | N | N | R |
| $\{7,10,8,5\}$ | N | N | N | N | R |
| $\{4,10,2,5\}$ | N | R | N | R | R |
| $\{4,8,6,3,2\}$ | N | R | R | R | N |
| $\{3,10,7,8\}$ | N | N | R | N | N |
| $\{10,6,7,5,4\}$ | N | N | N | R | R |
| $\{3,6,10,1\}$ | R | N | R | N | N |

12. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{3,4,10,8,5\}$ | N | N | R | R | R |
| $\{3,5,7,2,1,6\}$ | R | R | R | N | R |
| $\{1,2,10,6\}$ | R | R | N | N | N |
| $\{2,1,7,10,6\}$ | R | R | N | N | N |
| $\{8,9,1,10,7,4\}$ | R | N | N | R | N |
| $\{7,3,8,1,5\}$ | R | N | R | N | R |
| $\{7,9,1,3,6,4\}$ | R | N | R | R | N |
| $\{5,6,4,1,3,8\}$ | R | N | R | R | R |
| $\{2,1,5,7\}$ | R | R | N | N | R |
| $\{1,8,4,2\}$ | R | R | N | R | N |
| $\{9,3,4,5\}$ | N | N | R | R | R |
| $\{5,6,8,3\}$ | N | N | R | N | R |
| $\{8,1,2,4,5\}$ | N | R | N | R | R |
| $\{2,10,6,1,5\}$ | R | R | N | N | R |
| $\{5,7,1,4,9\}$ | R | N | N | R | R |
| $\{10,6,1,8,2\}$ | R | R | N | N | N |
| $\{5,9,10,1,3,6\}$ | R | N | R | N | R |
| $\{1,3,10,4\}$ | R | N | R | R | N |
| $\{3,2,9,5,8\}$ | N | R | R | N | R |
| $\{3,2,4,5,7,6\}$ | N | R | R | R | R |
| $\{7,1,6,5,8,3\}$ | R | N | R | N | R |
| $\{2,6,7,1\}$ | R | R | N | N | N |
| $\{3,8,5,2\}$ | N | R | R | N | R |
| $\{6,3,9,5,10,1\}$ | R | N | R | N | R |
| $\{7,9,5,8,10,6\}$ | N | N | N | N | R |
| $\{1,7,5,4\}$ | R | N | N | R | R |
| $\{8,1,9,7,5\}$ | R | N | N | N | R |
| $\{10,8,6,9\}$ | N | N | N | N | N |
| $\{4,7,8,9\}$ | N | N | N | R | N |
| $\{6,2,10,3,8\}$ | N | R | R | N | N |

13. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{6,7,3,4,1,5\}$ | R | N | R | R | R |
| $\{9,7,3,4\}$ | N | N | R | R | N |
| $\{4,9,10,5,6\}$ | N | N | N | R | R |
| $\{5,7,1,3\}$ | R | N | R | N | R |
| $\{2,6,7,8,1,3\}$ | R | R | R | N | N |
| $\{8,5,3,4,1\}$ | R | N | R | R | R |
| $\{4,3,7,1,6\}$ | R | N | R | R | N |
| $\{7,4,6,2,8\}$ | N | R | N | R | N |
| $\{5,2,4,10\}$ | N | R | N | R | R |
| $\{6,10,4,5,2\}$ | N | R | N | R | R |
| $\{7,10,5,6,9,2\}$ | N | R | N | N | R |
| $\{6,1,9,2\}$ | R | R | N | N | N |
| $\{10,4,7,2\}$ | N | R | N | R | N |
| $\{9,3,10,7,6,5\}$ | N | N | R | N | R |
| $\{1,2,4,7,10,5\}$ | R | R | N | R | R |
| $\{7,3,9,8,10,2\}$ | N | R | R | N | N |
| $\{9,6,2,3\}$ | N | R | R | N | N |
| $\{7,8,3,1,10,4\}$ | R | N | R | R | N |
| $\{3,4,1,10,8,6\}$ | R | N | R | R | N |
| $\{7,6,3,4,5,1\}$ | R | N | R | R | R |
| $\{8,6,9,4\}$ | N | N | N | R | N |
| $\{9,2,10,3\}$ | N | R | R | N | N |
| $\{10,4,1,9\}$ | R | N | N | R | N |
| $\{9,3,2,5\}$ | N | R | R | N | R |
| $\{7,4,9,8,6,5\}$ | N | N | N | R | R |
| $\{7,3,6,1,1,5\}$ | R | N | R | N | R |
| $\{8,2,9,1,7\}$ | R | R | N | N | N |
| $\{2,6,8,1\}$ | R | R | N | N | N |
| $\{4,5,6,1\}$ | R | N | N | R | R |
| $\{1,4,9,8\}$ | R | N | N | R | N |

14. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{7,4,5,1,8,2\}$ | R | R | N | R | R |
| $\{5,9,1,7\}$ | R | N | N | N | R |
| $\{10,3,2,5\}$ | N | R | R | N | R |
| $\{5,6,1,10,3\}$ | R | N | R | N | R |
| $\{7,9,4,6,5,1\}$ | R | N | N | R | R |
| $\{4,5,1,10\}$ | R | N | N | R | R |
| $\{3,6,8,10,9\}$ | N | N | R | N | N |
| $\{10,1,3,4\}$ | R | N | R | R | N |
| $\{4,8,7,9,6,10\}$ | N | N | N | R | N |
| $\{1,8,9,10,3\}$ | R | N | R | N | N |
| $\{10,7,1,8,9\}$ | R | N | N | N | N |
| $\{4,7,10,9,2,6\}$ | N | R | N | R | N |
| $\{8,10,4,5\}$ | N | N | N | R | R |
| $\{6,3,8,7,1,5\}$ | R | N | R | N | R |
| $\{8,4,10,6\}$ | N | N | N | R | N |
| $\{3,4,6,10\}$ | N | N | R | R | N |
| $\{10,8,9,1,5,2\}$ | R | R | N | N | R |
| $\{7,1,6,5,4\}$ | R | N | N | R | R |
| $\{6,4,2,5,1,8\}$ | R | R | N | R | R |
| $\{5,8,4,2,10\}$ | N | R | N | R | R |
| $\{8,9,7,1\}$ | R | N | N | N | N |
| $\{3,2,5,6,4,7\}$ | N | R | R | R | R |
| $\{3,9,8,10,2,4\}$ | N | R | R | R | N |
| $\{4,5,7,8\}$ | N | N | N | R | R |
| $\{8,7,4,1,6\}$ | R | N | N | R | N |
| $\{7,3,8,4\}$ | N | N | R | R | N |
| $\{7,5,10,8\}$ | N | N | N | N | R |
| $\{8,7,5,10,2,3\}$ | N | R | R | N | R |
| $\{5,2,7,3,9,8\}$ | N | R | R | N | R |
| $\{2,1,8,6,4\}$ | R | R | N | R | N |

15. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{8,10,7,9,2,3\}$ | N | R | R | N | N |
| $\{1,7,9,10,5,2\}$ | R | R | N | N | R |
| $\{9,7,2,5\}$ | N | R | N | N | R |
| $\{, 7,5\}$ | N | R | N | R | R |
| $\{10,8,6,4\}$ | N | N | N | R | N |
| $\{6,9,1,3\}$ | R | N | R | N | N |
| $\{9,7,1,2,6\}$ | R | R | N | N | N |
| $\{37,7,8,10\}$ | N | N | R | N | N |
| $\{1,4,8,7\}$ | R | N | N | R | N |
| $\{7,10,4,5,2,6\}$ | N | R | N | R | R |
| $\{9,5,1,6\}$ | R | N | N | N | R |
| $\{5,6,3,4\}$ | N | N | R | R | R |
| $\{, 2,1,6\}$ | R | R | N | N | N |
| $\{1,4,6,7,2\}$ | R | R | N | R | N |
| $\{8,6,5,1\}$ | R | N | N | N | R |
| $\{3,7,8,4\}$ | N | N | R | R | N |
| $\{8,3,6,9,4,10\}$ | N | N | R | R | N |
| $\{8,5,3,6\}$ | N | N | R | N | R |
| $\{8,10,4,7,5,3\}$ | N | N | R | R | R |
| $\{9,1,4,6\}$ | R | N | N | R | N |
| $\{7,5,9,2,8,6\}$ | N | R | N | N | R |
| $\{8,10,1,9,6\}$ | R | N | N | N | N |
| $\{1,8,7,2\}$ | R | R | N | N | N |
| $\{8,5,4,3\}$ | N | N | R | R | R |
| $\{9,3,8,4\}$ | N | N | R | R | N |
| $\{1,8,5,5\}$ | R | N | R | N | R |
| $\{2,6,10,9,7,4\}$ | N | R | N | R | N |
| $\{3,9,8,5,7\}$ | N | N | R | N | R |
| $\{4,2,9,7\}$ | N | R | N | R | N |
| $\{7,6,10,9,5\}$ | N | N | N | N | R |

16. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{7,9,5,1\}$ | R | N | N | N | R |
| $\{6,9,5,1\}$ | R | N | N | N | R |
| $\{6,4,7,9,2,10\}$ | N | R | N | R | N |
| $\{1,10,7,9,4\}$ | R | N | N | R | N |
| $\{1,9,6,2,4,3\}$ | R | R | R | R | N |
| $\{7,10,2,4\}$ | N | R | N | R | N |
| $\{1,8,5,2\}$ | R | R | N | N | R |
| $\{5,3,4,9\}$ | N | N | R | R | R |
| $\{5,7,4,10,9\}$ | N | N | N | R | R |
| $\{1,8,5,3\}$ | R | N | R | N | R |
| $\{2,5,9,7\}$ | N | R | N | N | R |
| $\{2,1,10,4,9\}$ | R | R | N | R | N |
| $\{10,6,5,3,4\}$ | N | N | R | R | R |
| $\{3,1,4,10,2,5\}$ | R | R | R | R | R |
| $\{3,4,1,5,6,2\}$ | R | R | R | R | R |
| $\{6,10,2,3,1,8\}$ | R | R | R | N | N |
| $\{9,7,1,3,4,5\}$ | R | N | R | R | R |
| $\{7,8,10,2,9,1\}$ | R | R | N | N | N |
| $\{8,7,2,4\}$ | N | R | N | R | N |
| $\{5,8,7,2,4,3\}$ | N | R | R | R | R |
| $\{9,3,10,4\}$ | N | N | R | R | N |
| $\{6,7,1,10,4\}$ | R | N | N | R | N |
| $\{6,5,7,2,10,3\}$ | N | R | R | N | R |
| $\{8,10,9,7,1\}$ | R | N | N | N | N |
| $\{6,7,5,1,9\}$ | R | N | N | N | R |
| $\{4,2,10,6,1\}$ | R | R | N | R | N |
| $\{5,3,9,1,8\}$ | R | N | R | N | R |
| $\{5,3,7,4,2\}$ | N | R | R | R | R |
| $\{6,9,7,1,10\}$ | R | N | N | N | N |
| $\{6,2,8,3,7,5\}$ | N | R | R | N | R |

17. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{7,1,10,5,2\}$ | R | R | N | N | R |
| $\{7,5,2,6,1,4\}$ | R | R | N | R | R |
| $\{3,10,2,8\}$ | N | R | R | N | N |
| $\{8,10,7,3\}$ | N | N | R | N | N |
| $\{9,3,8,6\}$ | N | N | R | N | N |
| $\{6,7,5,8\}$ | N | N | N | N | R |
| $\{6,2,7,4,3\}$ | N | R | R | R | N |
| $\{9,8,4,1,7,10\}$ | R | N | N | R | N |
| $\{4,1,8,6\}$ | N | N | N | N | N |
| $\{10,9,2,8\}$ | N | R | N | N | N |
| $\{6,3,8,9\}$ | N | N | R | N | N |
| $\{8,6,4,1\}$ | R | N | N | R | N |
| $\{6,8,5,7,3,2\}$ | N | R | R | N | R |
| $\{10,4,9,8,3,1\}$ | R | N | R | R | N |
| $\{4,9,6,10\}$ | N | N | N | R | N |
| $\{4,3,1,8,5\}$ | R | N | R | R | R |
| $\{2,6,1,4,5\}$ | R | R | N | R | R |
| $\{2,9,7,4,1\}$ | R | R | N | R | N |
| $\{8,10,7,6,2,3\}$ | N | R | R | N | N |
| $\{6,10,4,3,2,7\}$ | N | R | R | R | N |
| $\{7,10,9,8,6\}$ | N | N | N | N | N |
| $\{4,2,3,1,7\}$ | R | R | R | R | N |
| $\{7,4,9,1\}$ | R | N | N | R | N |
| $\{2,5,4,1\}$ | R | R | N | R | R |
| $\{10,5,7,1\}$ | R | N | N | N | R |
| $\{3,6,7,4\}$ | N | N | R | R | N |
| $\{9,6,4,10,8,1\}$ | R | N | N | R | N |
| $\{3,8,1,5,6\}$ | R | N | R | N | R |
| $\{7,5,2,6\}$ | N | R | N | N | R |
| $\{1,3,6,10,9\}$ | R | N | R | N | N |
|  |  |  |  |  |  |

18. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{4,9,5,6,2,1\}$ | R | R | N | R | R |
| $\{8,5,1,3\}$ | R | N | R | N | R |
| $\{6,3,10,9,5\}$ | N | N | R | N | R |
| $\{2,4,5,9,7\}$ | N | R | N | R | R |
| $\{3,4,9,1\}$ | R | N | R | R | N |
| $\{7,9,1,6\}$ | R | N | N | N | N |
| $\{9,2,7,6,1\}$ | R | R | N | N | N |
| $\{9,7,1,10,6\}$ | R | N | N | N | N |
| $\{2,3,5,7,9,4\}$ | N | R | R | R | R |
| $\{4,9,2,3\}$ | N | R | R | R | N |
| $\{8,9,4,10,3\}$ | N | N | R | R | N |
| $\{1,2,7,5,4\}$ | R | R | N | R | R |
| $\{5,7,3,4,6,2\}$ | N | R | R | R | R |
| $\{7,3,9,6,10\}$ | N | N | R | N | N |
| $\{5,6,3,10,1,2\}$ | R | R | R | N | R |
| $\{4,1,8,2\}$ | R | R | N | R | N |
| $\{6,4,10,5,9\}$ | N | N | N | R | R |
| $\{5,8,3,7,2,6\}$ | N | R | R | N | R |
| $\{5,4,7,1,3\}$ | R | N | R | R | R |
| $\{9,10,7,3,2\}$ | N | R | R | N | N |
| $\{10,4,5,9,3\}$ | N | N | R | R | R |
| $\{7,8,2,1,6,10\}$ | R | R | N | N | N |
| $\{1,10,4,6\}$ | R | N | N | R | N |
| $\{2,3,6,7\}$ | N | R | R | N | N |
| $\{1,9,7,10,4\}$ | R | N | N | R | N |
| $\{1,7,8,2,9,10\}$ | R | R | N | N | N |
| $\{2,5,10,1,8,7\}$ | R | R | N | N | R |
| $\{4,1,10,3,6,9\}$ | R | N | R | R | N |
| $\{8,4,10,7,1\}$ | R | N | N | R | N |
| $\{3,7,10,5,2\}$ | N | R | R | N | R |

19. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{9,4,7,6,10,3\}$ | N | N | R | R | N |
| $\{2,10,8,5,6,7\}$ | N | R | N | N | R |
| $\{10,2,8,1,7\}$ | R | R | N | N | N |
| $\{4,5,3,6,1,7\}$ | R | N | R | R | R |
| $\{9,4,6,7\}$ | N | N | N | R | N |
| $\{5,10,2,3,4,9\}$ | N | R | R | R | R |
| $\{8,7,10,2\}$ | N | R | N | N | N |
| $\{2,10,5,8,4,9\}$ | N | R | N | R | R |
| $\{3,10,5,8\}$ | N | N | R | N | R |
| $\{9,4,10,3,7,5\}$ | N | N | R | R | R |
| $\{5,9,10,3\}$ | N | N | R | N | R |
| $\{3,9,6,2,10,8\}$ | N | R | R | N | N |
| $\{5,9,4,7,8\}$ | N | N | N | R | R |
| $\{1,2,4,10\}$ | R | R | N | R | N |
| $\{5,1,3,7,6\}$ | R | N | R | N | R |
| $\{8,10,2,6,1,7\}$ | R | R | N | N | N |
| $\{6,1,3,4\}$ | R | N | R | R | N |
| $\{5,4,10,7\}$ | N | N | N | R | R |
| $\{2,9,3,8,10,7\}$ | N | R | R | N | N |
| $\{7,9,5,1\}$ | R | N | N | N | R |
| $\{3,8,4,2\}$ | N | R | R | R | N |
| $\{2,1,7,10\}$ | R | R | N | N | N |
| $\{4,9,6,3,7,5\}$ | N | N | R | R | R |
| $\{8,6,10,3,9,4\}$ | N | N | R | R | N |
| $\{5,8,2,4,9,1\}$ | R | R | N | R | R |
| $\{8,1,9,4,6\}$ | R | N | N | R | N |
| $\{2,9,7,3,8\}$ | N | R | R | N | N |
| $\{6,4,2,5,8,9\}$ | N | R | N | R | R |
| $\{10,3,9,6,1,4\}$ | R | N | R | R | N |
| $\{5,8,1,2,7,6\}$ | R | R | N | N | R |
|  |  |  |  |  |  |

20. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{7,8,4,6\}$ | N | N | N | R | N |
| $\{1,6,2,3\}$ | R | R | R | N | N |
| $\{5,1,10,7\}$ | R | N | N | N | R |
| $\{9,2,1,5,6\}$ | R | R | N | N | R |
| $\{8,10,1,9,5,2\}$ | R | R | N | N | R |
| $\{7,6,10,2\}$ | N | R | N | N | N |
| $\{1,5,6,8\}$ | R | N | N | N | R |
| $\{10,2,3,8,7\}$ | N | R | R | N | N |
| $\{7,5,6,10,2\}$ | N | R | N | N | R |
| $\{10,4,7,3,1,9\}$ | R | N | R | R | N |
| $\{8,9,5,10\}$ | N | N | N | N | R |
| $\{4,5,3,6,8\}$ | N | N | R | R | R |
| $\{3,9,5,10,4\}$ | N | N | R | R | R |
| $\{, 3,6,2\}$ | R | R | R | N | N |
| $\{2,4,9,6,5\}$ | N | R | N | R | R |
| $\{4,5,10,8\}$ | N | N | N | R | R |
| $\{1,5,3,6,4,2\}$ | N | R | R | R | R |
| $\{6,3,9,5,2\}$ | N | R | R | N | R |
| $\{8,6,9,10\}$ | N | N | N | N | N |
| $\{10,8,9,3,5,1\}$ | R | N | R | N | R |
| $\{8,4,1,10,3,9\}$ | R | N | R | R | N |
| $\{8,3,2,4,5,6\}$ | N | R | R | R | R |
| $\{7,4,9,2\}$ | N | R | N | R | N |
| $\{7,9,2,4,1,6\}$ | R | R | N | R | N |
| $\{10,6,8,5\}$ | N | N | N | N | R |
| $\{5,9,1,7,10\}$ | R | N | N | N | R |
| $\{7,10,4,3\}$ | N | N | R | R | N |
| $\{2,6,5,4,9,3\}$ | N | R | R | R | R |
| $\{8,9,10,2\}$ | N | R | N | N | N |
| $\{6,10,3,4,2,9\}$ | N | R | R | R | N |

21. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{4,10,7,2,3,5\}$ | N | R | R | R | R |
| $\{2,3,7,10\}$ | N | R | R | N | N |
| $\{9,3,10,6\}$ | N | N | R | N | N |
| $\{9,3,7,2,1\}$ | R | R | R | N | N |
| $\{5,3,2,4,10\}$ | N | R | R | R | R |
| $\{10,2,5,6,7\}$ | N | R | N | N | R |
| $\{8,6,1,3,9,4\}$ | R | N | R | R | N |
| $\{3,2,7,10,8,1\}$ | R | R | R | N | N |
| $\{4,10,9,2\}$ | N | R | N | R | N |
| $\{5,6,3,9,1,2\}$ | R | R | R | N | R |
| $\{1,7,5,9\}$ | R | N | N | N | R |
| $\{5,6,2,8,4,10\}$ | N | R | N | R | R |
| $\{67,4,105,9\}$ | N | N | N | R | R |
| $\{7,5,3,10,4,8\}$ | N | N | R | R | R |
| $\{7,10,8,6\}$ | N | N | N | N | N |
| $\{9,5,4,6,7,8\}$ | N | N | N | R | R |
| $\{6,7,9,1\}$ | R | N | N | N | N |
| $\{9,8,5,4,6\}$ | N | N | N | R | R |
| $\{5,9,10,2\}$ | N | R | N | N | R |
| $\{1,3,8,2,6,7\}$ | R | R | R | N | N |
| $\{3,1,10,8,5\}$ | R | N | R | N | R |
| $\{5,7,2,3\}$ | N | R | R | N | R |
| $\{2,1,6,9,3\}$ | R | R | R | N | N |
| $\{9,10,2,7,5\}$ | N | R | N | N | R |
| $\{2,10,7,3,1,8\}$ | R | R | R | N | N |
| $\{5,8,1,9,7,2\}$ | R | R | N | N | R |
| $\{, 5,7,8\}$ | N | N | N | N | R |
| $\{2,7,9,6\}$ | N | R | N | N | N |
| $\{6,8,9,1,5,2\}$ | R | R | N | N | R |
| $\{2,6,7,5,1,10\}$ | R | R | N | N | R |

22. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{2,1,5,10,3,9\}$ | R | R | R | N | R |
| $\{8,9,10,7,3,2\}$ | N | R | R | N | N |
| $\{9,8,10,4\}$ | N | N | N | R | N |
| $\{7,9,6,5,5,4\}$ | N | N | R | R | R |
| $\{8,7,2,3\}$ | N | R | R | N | N |
| $\{1,4,8,10\}$ | R | N | N | R | N |
| $\{4,6,9,10,2,3\}$ | N | R | R | R | N |
| $\{2,8,3,7,9,5\}$ | N | R | R | N | R |
| $\{7,3,4,8,1,6\}$ | R | N | R | R | N |
| $\{2,9,1,6,7,3\}$ | R | R | R | N | N |
| $\{8,6,7,3,2\}$ | N | R | R | N | N |
| $\{3,7,8,1,1,1,9\}$ | R | N | R | N | N |
| $\{0,7,2,6,1\}$ | R | R | N | N | N |
| $\{2,10,4,5\}$ | N | R | N | R | R |
| $\{7,3,10,4\}$ | N | N | R | R | N |
| $\{7,2,1,6,9\}$ | R | R | N | N | N |
| $\{, 10,7,1,6\}$ | R | N | N | R | N |
| $\{1,8,5,4,2,7\}$ | R | R | N | R | R |
| $\{10,8,7,9,2\}$ | N | R | N | N | N |
| $\{10,9,4,8\}$ | N | N | N | R | N |
| $\{6,5,8,7\}$ | N | N | N | N | R |
| $\{7,8,5,1,3\}$ | R | N | R | N | R |
| $\{9,6,1,4\}$ | R | N | N | R | N |
| $\{2,7,9,10,1,5\}$ | R | R | N | N | R |
| $\{5,9,3,2,4\}$ | N | R | R | R | R |
| $\{5,7,1,3\}$ | R | N | R | N | R |
| $\{7,5,10,4,8\}$ | N | N | N | R | R |
| $\{5,2,8,10,7\}$ | N | R | N | N | R |
| $\{10,9,7,5,1,2\}$ | R | R | N | N | R |
| $\{3,10,6,4,9\}$ | N | N | R | R | N |

23. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{2,9,6,8\}$ | N | R | N | N | N |
| $\{6,9,7,4,1\}$ | R | N | N | R | N |
| $\{8,7,4,5,1\}$ | R | N | N | R | R |
| $\{, 7,10,8,4,3\}$ | N | R | R | R | N |
| $\{2,3,9,10,1,8\}$ | R | R | R | N | N |
| $\{1,3,2,9,5\}$ | R | R | R | N | R |
| $\{3,6,5,2\}$ | N | R | R | N | R |
| $\{7,3,5,1,9,10\}$ | R | N | R | N | R |
| $\{5,4,8,3,1,7\}$ | R | N | R | R | R |
| $\{3,10,8,1,5,2\}$ | R | R | R | N | R |
| $\{3,5,4,10,2\}$ | N | R | R | R | R |
| $\{9,6,7,10\}$ | N | N | N | N | N |
| $\{, 6,2,2\}$ | N | R | N | N | N |
| $\{3,4,1,2,7,6\}$ | R | R | R | R | N |
| $\{10,8,6,1\}$ | R | N | N | N | N |
| $\{7,4,3,5\}$ | N | N | R | R | R |
| $\{7,10,3,9,2\}$ | N | R | R | N | N |
| $\{8,1,1,2,4\}$ | R | N | N | R | N |
| $\{3,1,5,6\}$ | R | N | R | N | R |
| $\{5,10,8,1,6\}$ | R | N | N | N | R |
| $\{9,5,4,6,3,10\}$ | N | N | R | R | R |
| $\{2,6,1,1,10,4\}$ | R | R | N | R | N |
| $\{9,4,7,5\}$ | N | N | N | R | R |
| $\{7,8,4,2,6,9\}$ | N | R | N | R | N |
| $\{9,5,3,1,7,4\}$ | R | N | R | R | R |
| $\{10,6,5,4,3\}$ | N | N | R | R | R |
| $\{5,7,3,8\}$ | N | N | R | N | R |
| $\{4,8,7,10\}$ | N | N | N | R | N |
| $\{7,10,9,1,5\}$ | R | N | N | N | R |
| $\{1,3,10,9,6\}$ | R | N | R | N | N |

24. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{8,7,1,9,10,2\}$ | R | R | N | N | N |
| $\{6,10,8,1\}$ | R | N | N | N | N |
| $\{8,1,4,3,6,2\}$ | R | R | R | R | N |
| $\{3,6,9,2\}$ | N | R | R | N | N |
| $\{1,7,10,9,8\}$ | R | N | N | N | N |
| $\{3,10,2,8,9,1\}$ | R | R | R | N | N |
| $\{4,10,9,3\}$ | N | N | R | R | N |
| $\{3,5,8,7,4\}$ | N | N | R | R | R |
| $\{4,6,9,5\}$ | N | N | N | R | R |
| $\{5,6,10,3,8,7\}$ | N | N | R | N | R |
| $\{2,4,1,3,6,5\}$ | R | R | R | R | R |
| $\{10,6,8,3,4,9\}$ | N | N | R | R | N |
| $\{3,5,6,10,9,7\}$ | N | N | R | N | R |
| $\{4,3,6,1,5,10\}$ | R | N | R | R | R |
| $\{9,10,2,6,7\}$ | N | R | N | N | N |
| $\{5,10,6,7,8,9\}$ | N | N | N | N | R |
| $\{5,9,2,4,7\}$ | N | R | N | R | R |
| $\{8,7,2,6,9,3\}$ | N | R | R | N | N |
| $\{8,3,2,5,1\}$ | R | R | R | N | R |
| $\{6,10,2,8\}$ | N | R | N | N | N |
| $\{4,6,10,5,2,1\}$ | R | R | N | R | R |
| $\{8,5,2,9\}$ | N | R | N | N | R |
| $\{10,6,7,4,1,2\}$ | R | R | N | R | N |
| $\{1,8,4,2,3,6\}$ | R | R | R | R | N |
| $\{4,2,9,3,6,1\}$ | R | R | R | R | N |
| $\{2,10,9,5,8,7\}$ | N | R | N | N | R |
| $\{8,2,10,4,1\}$ | R | R | N | R | N |
| $\{5,9,10,6,4\}$ | N | N | N | R | R |
| $\{1,10,3,6\}$ | R | N | R | N | N |
| $\{6,9,7,5,1,3\}$ | R | N | R | N | R |
|  |  |  |  |  |  |

25. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{3,9,8,4\}$ | N | N | R | R | N |
| $\{5,1,6,2,3,9\}$ | R | R | R | N | R |
| $\{4,3,9,6\}$ | N | N | R | R | N |
| $\{5,8,1,6,10,3\}$ | R | N | R | N | R |
| $\{8,10,4,2\}$ | N | R | N | R | N |
| $\{3,6,7,9,5\}$ | N | N | R | N | R |
| $\{1,9,6,4,8\}$ | R | N | N | R | N |
| $\{7,2,9,5\}$ | N | R | N | N | R |
| $\{4,1,8,7,3,10\}$ | R | N | R | R | N |
| $\{7,4,9,6,8\}$ | N | N | N | R | N |
| $\{1,7,5,6,9\}$ | R | N | N | N | R |
| $\{3,2,5,7,10,4\}$ | N | R | R | R | R |
| $\{6,5,7,2,4,9\}$ | N | R | N | R | R |
| $\{9,7,4,6,5,8\}$ | N | N | N | R | R |
| $\{4,6,2,8,3\}$ | N | R | R | R | N |
| $\{6,10,5,4,8\}$ | N | N | N | R | R |
| $\{2,1,5,7,4\}$ | R | R | N | R | R |
| $\{0,2,3,5,1\}$ | R | R | R | N | R |
| $\{6,1,7,3,8\}$ | R | N | R | N | N |
| $\{4,6,2,7\}$ | N | R | N | R | N |
| $\{7,6,8,1\}$ | R | N | N | N | N |
| $\{41,1,8\}$ | R | N | N | R | R |
| $\{6,10,1,9,2,3\}$ | R | R | R | N | N |
| $\{1,7,2,6,10,5\}$ | R | R | N | N | R |
| $\{1,6,9,5\}$ | R | N | N | N | R |
| $\{3,7,6,4\}$ | N | N | R | R | N |
| $\{, 2,3,8\}$ | N | R | R | N | N |
| $\{1,7,8,9,5\}$ | R | N | N | N | R |
| $\{4,9,1,10\}$ | R | N | N | R | N |
| $\{9,2,3,1,4\}$ | R | R | R | R | N |

26. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{10,9,5,4,6,1\}$ | R | N | N | R | R |
| $\{4,7,10,2,8\}$ | N | R | N | R | N |
| $\{8,7,9,5\}$ | N | N | N | N | R |
| $\{1,8,6,4,9,7\}$ | R | N | N | R | N |
| $\{9,10,4,7\}$ | N | N | N | R | N |
| $\{1,10,4,9,6\}$ | R | N | N | R | N |
| $\{1,6,8,4\}$ | R | N | N | R | N |
| $\{10,4,5,6,1\}$ | R | N | N | R | R |
| $\{2,10,6,4,5,1\}$ | R | R | N | R | R |
| $\{4,9,3,8,2,10\}$ | N | R | R | R | N |
| $\{7,8,6,9\}$ | N | N | N | N | N |
| $\{6,2,3,9,1\}$ | R | R | R | N | N |
| $\{10,9,5,8,1,2\}$ | R | R | N | N | R |
| $\{8,5,1,3,2,10\}$ | R | R | R | N | R |
| $\{9,8,3,5\}$ | N | N | R | N | R |
| $\{4,10,7,2\}$ | N | R | N | R | N |
| $\{6,7,10,3\}$ | N | N | R | N | N |
| $\{5,6,2,4\}$ | N | R | N | R | R |
| $\{6,10,3,1,8\}$ | R | N | R | N | N |
| $\{5,6,4,7,8\}$ | N | N | N | R | R |
| $\{3,7,5,9\}$ | N | N | R | N | R |
| $\{1,3,4,9,10,5\}$ | R | N | R | R | R |
| $\{5,9,6,2,8,4\}$ | N | R | N | R | R |
| $\{2,1,6,8\}$ | R | R | N | N | N |
| $\{4,5,8,1,3,10\}$ | R | N | R | R | R |
| $\{6,2,1,8\}$ | R | R | N | N | N |
| $\{9,1,5,3\}$ | R | N | R | N | R |
| $\{1,3,9,5\}$ | R | N | R | N | R |
| $\{6,10,2,3\}$ | N | R | R | N | N |
| $\{4,8,6,9\}$ | N | N | N | R | N |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

27. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{3,9,6,4,2\}$ | N | R | R | R | N |
| $\{3,9,5,4,6,7\}$ | N | N | R | R | R |
| $\{1,5,8,7,10,3\}$ | R | N | R | N | R |
| $\{, 3,4,1,6\}$ | R | N | R | R | N |
| $\{6,7,4,5,8\}$ | N | N | N | R | R |
| $\{2,4,7,5\}$ | N | R | N | R | R |
| $\{9,10,6,5,4,2\}$ | N | R | N | R | R |
| $\{10,6,4,3,1\}$ | R | N | R | R | N |
| $\{5,9,6,2\}$ | N | R | N | N | R |
| $\{4,9,6,3\}$ | N | N | R | R | N |
| $\{2,10,8,3,9,5\}$ | N | R | R | N | R |
| $\{10,8,7,9,1\}$ | R | N | N | N | N |
| $\{6,4,10,1,5\}$ | R | N | N | R | R |
| $\{1,8,9,3,4,6\}$ | R | N | R | R | N |
| $\{9,4,6,8\}$ | N | N | N | R | N |
| $\{9,10,1,8,4\}$ | R | N | N | R | N |
| $\{2,5,3,10,8\}$ | N | R | R | N | R |
| $\{, 6,9,4,5\}$ | N | R | N | R | R |
| $\{5,6,10,4,7\}$ | N | N | N | R | R |
| $\{7,10,5,9,6\}$ | N | N | N | N | R |
| $\{6,2,4,7\}$ | N | R | N | R | N |
| $\{7,2,6,4,3\}$ | N | R | R | R | N |
| $\{4,10,9,6,8,5\}$ | N | N | N | R | R |
| $\{7,5,6,4,1,2\}$ | R | R | N | R | R |
| $\{4,2,10,3,7\}$ | N | R | R | R | N |
| $\{3,4,10,7,7\}$ | N | N | R | R | R |
| $\{8,3,1,7,10,9\}$ | R | N | R | N | N |
| $\{9,10,6,3,1,7\}$ | R | N | R | N | N |
| $\{4,7,5,3,9,6\}$ | N | N | R | R | R |
| $\{5,6,1,7,10\}$ | R | N | N | N | R |

28. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{1,5,10,2,6,7\}$ | R | R | N | N | R |
| $\{4,2,3,9\}$ | N | R | R | R | N |
| $\{6,3,8,2,7,10\}$ | N | R | R | N | N |
| $\{5,3,6,1,10\}$ | R | N | R | N | R |
| $\{10,4,7,2,8,3\}$ | N | R | R | R | N |
| $\{3,8,1,10\}$ | R | N | R | N | N |
| $\{2,4,7,9,5\}$ | N | R | N | R | R |
| $\{2,1,10,7,4,5\}$ | R | R | N | R | R |
| $\{6,2,3,10,9,8\}$ | N | R | R | N | N |
| $\{6,5,9,2,1\}$ | R | R | N | N | R |
| $\{7,1,10,8,4\}$ | R | N | N | R | N |
| $\{4,7,5,10,9\}$ | N | N | N | R | R |
| $\{2,7,1,10,5,8\}$ | R | R | N | N | R |
| $\{1,4,2,9,7,10\}$ | R | R | N | R | N |
| $\{8,1,7,5,10,6\}$ | R | N | N | N | R |
| $\{10,1,4,3\}$ | R | N | R | R | N |
| $\{9,10,5,1\}$ | R | N | N | N | R |
| $\{4,8,10,6,7\}$ | N | N | N | R | N |
| $\{5,10,2,1,9\}$ | R | R | N | N | R |
| $\{1,3,8,10\}$ | R | N | R | N | N |
| $\{5,1,3,10,2,8\}$ | R | R | R | N | R |
| $\{8,6,4,7,1,2\}$ | R | R | N | R | N |
| $\{3,5,10,1\}$ | R | N | R | N | R |
| $\{4,7,3,9\}$ | N | N | R | R | N |
| $\{8,9,7,6,4,1\}$ | R | N | N | R | N |
| $\{6,8,7,10,2\}$ | N | R | N | N | N |
| $\{10,1,9,3,6\}$ | R | N | R | N | N |
| $\{6,10,7,9,8,2\}$ | N | R | N | N | N |
| $\{1,7,3,9,8\}$ | R | N | R | N | N |
| $\{8,7,9,3\}$ | N | N | R | N | N |
|  |  |  |  |  |  |

29. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{6,1,4,2\}$ | R | R | N | R | N |
| $\{9,6,3,4\}$ | N | N | R | R | N |
| $\{7,2,5,10,3\}$ | N | R | R | N | R |
| $\{6,10,1,8,5\}$ | R | N | N | N | R |
| $\{10,9,5,2\}$ | N | R | N | N | R |
| $\{6,1,4,2\}$ | R | R | N | R | N |
| $\{5,1,6,10,7\}$ | R | N | N | N | R |
| $\{3,9,4,2,1\}$ | R | R | R | R | N |
| $\{5,10,1,2,3,7\}$ | R | R | R | N | R |
| $\{8,4,10,2,6,3\}$ | N | R | R | R | N |
| $\{6,10,3,1\}$ | R | N | R | N | N |
| $\{9,5,2,1,6\}$ | R | R | N | N | R |
| $\{3,9,10,1,4\}$ | R | N | R | R | N |
| $\{5,10,2,8,9,7\}$ | N | R | N | N | R |
| $\{5,7,3,4\}$ | N | N | R | R | R |
| $\{9,8,7,10,2,3\}$ | N | R | R | N | N |
| $\{10,1,4,2\}$ | R | R | N | R | N |
| $\{2,7,8,1,5,6\}$ | R | R | N | N | R |
| $\{8,1,6,7,4,10\}$ | R | N | N | R | N |
| $\{4,8,10,3,5\}$ | N | N | R | R | R |
| $\{, 6,3,7\}$ | N | N | R | R | N |
| $\{5,4,8,10,7,2\}$ | N | R | N | R | R |
| $\{7,2,6,4,8\}$ | N | R | N | R | N |
| $\{1,2,4,10,8\}$ | R | R | N | R | N |
| $\{8,2,7,4,6\}$ | N | R | N | R | N |
| $\{, 1,2,5\}$ | R | R | N | N | R |
| $\{6,9,5,4\}$ | N | N | N | R | R |
| $\{7,10,3,5,6,8\}$ | N | N | R | N | R |
| $\{7,8,9,4,10\}$ | N | N | N | R | N |
| $\{1,5,10,2,9,7\}$ | R | R | N | N | R |

30. 

| A | $1 \in \mathrm{~A}$ | $2 \in \mathrm{~A}$ | $3 \in \mathrm{~A}$ | $4 \in \mathrm{~A}$ | $5 \in \mathrm{~A}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $\{1,8,5,2\}$ | R | R | N | N | R |
| $\{4,5,10,3\}$ | N | N | R | R | R |
| $\{6,10,8,5,3,7\}$ | N | N | R | N | R |
| $\{7,4,10,2,9\}$ | N | R | N | R | N |
| $\{8,10,2,5\}$ | N | R | N | N | R |
| $\{1,6,9,10\}$ | R | N | N | N | N |
| $\{3,7,6,5,8\}$ | N | N | R | N | R |
| $\{5,1,8,9,6,4\}$ | R | N | N | R | R |
| $\{9,5,10,3,1\}$ | R | N | R | N | R |
| $\{9,7,8,5\}$ | N | N | N | N | R |
| $\{9,8,4,7,3\}$ | N | N | R | R | N |
| $\{7,5,9,3,6\}$ | N | N | R | N | R |
| $\{4,7,6,8,10\}$ | N | N | N | R | N |
| $\{3,10,2,4,9,8\}$ | N | R | R | R | N |
| $\{6,4,5,9\}$ | N | N | N | R | R |
| $\{8,10,1,2,6,5\}$ | R | R | N | N | R |
| $\{6,5,10,4,3\}$ | N | N | R | R | R |
| $\{2,9,10,6,8,7\}$ | N | R | N | N | N |
| $\{1,8,5,3,2\}$ | R | R | R | N | R |
| $\{5,10,8,6,1,7\}$ | R | N | N | N | R |
| $\{10,1,2,3\}$ | R | R | R | N | N |
| $\{1,4,8,10,6,5\}$ | R | N | N | R | R |
| $\{9,2,10,5\}$ | N | R | N | N | R |
| $\{3,5,4,10,2\}$ | N | R | R | R | R |
| $\{8,6,3,2,4\}$ | N | R | R | R | N |
| $\{5,6,2,7,10,8\}$ | N | R | N | N | R |
| $\{5,7,4,8,3\}$ | N | N | R | R | R |
| $\{4,1,10,8,3\}$ | R | N | R | R | N |
| $\{2,6,1,9,3,4\}$ | R | R | R | R | N |
| $\{1,6,8,5\}$ | R | N | N | N | R |

