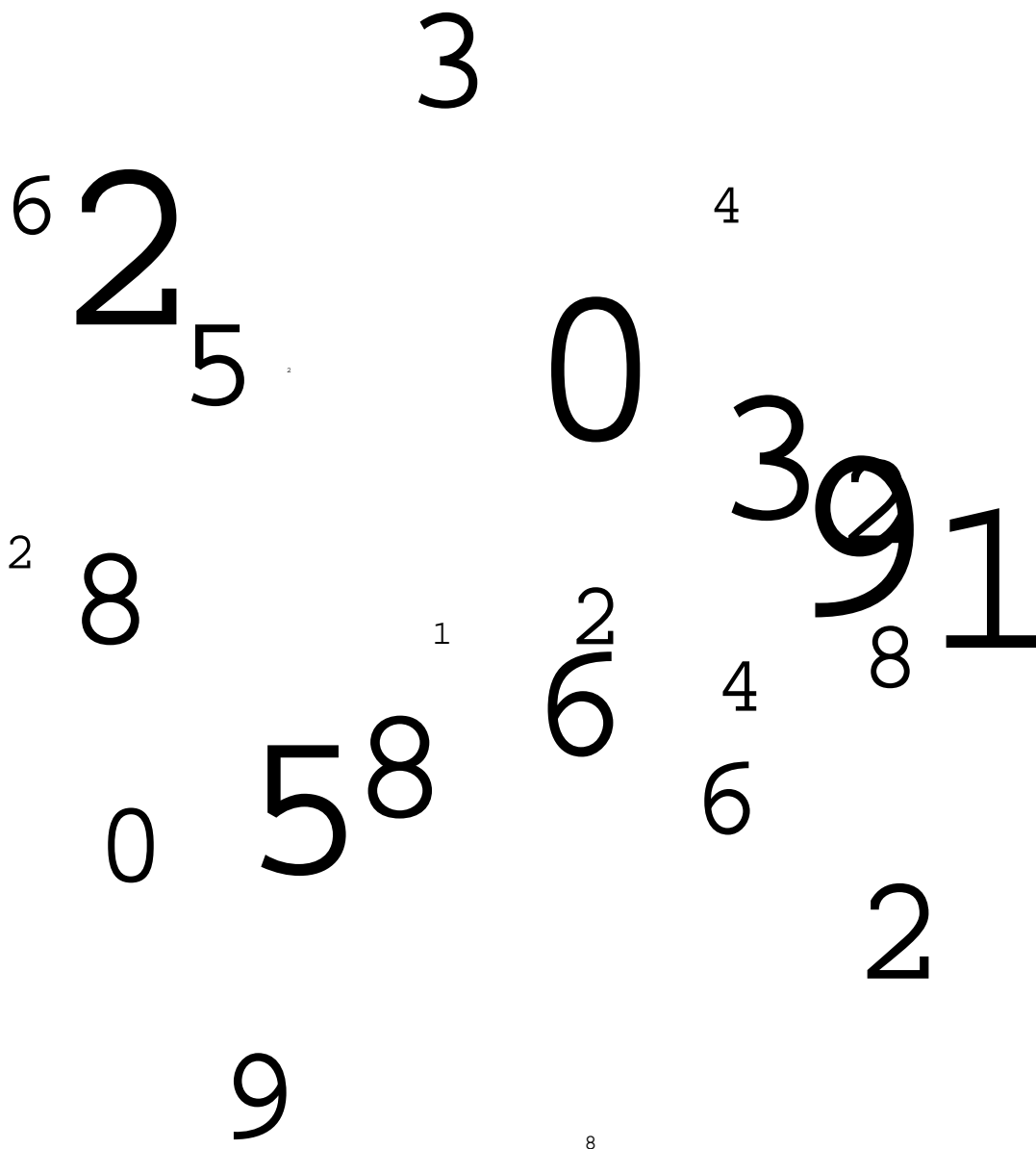


# Sudoku

All Sudokus are completely random generated, unique and solvable by logic only (with the exception of level "evil").



1 - Ultra-easy

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|          |          | <b>1</b> | <b>2</b> | <b>8</b> | <b>6</b> |          | <b>9</b> | <b>7</b> |
|          | <b>4</b> |          | <b>7</b> | <b>5</b> |          | <b>2</b> | <b>1</b> |          |
|          | <b>2</b> |          |          | <b>1</b> | <b>4</b> | <b>3</b> | <b>5</b> |          |
| <b>4</b> |          |          |          | <b>9</b> | <b>2</b> | <b>7</b> |          | <b>1</b> |
| <b>2</b> |          | <b>3</b> |          | <b>7</b> | <b>1</b> |          |          | <b>9</b> |
| <b>1</b> | <b>7</b> |          |          | <b>4</b> |          | <b>6</b> |          | <b>2</b> |
|          |          | <b>2</b> |          | <b>6</b> |          | <b>8</b> |          |          |
|          |          |          | <b>4</b> | <b>2</b> | <b>7</b> |          |          | <b>3</b> |
|          | <b>6</b> | <b>4</b> | <b>8</b> |          | <b>9</b> | <b>1</b> |          | <b>5</b> |

2 - Ultra-easy

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|          |          | <b>6</b> | <b>8</b> | <b>7</b> |          |          | <b>5</b> | <b>9</b> |
|          |          |          | <b>5</b> | <b>4</b> | <b>2</b> | <b>8</b> |          |          |
|          | <b>2</b> |          |          | <b>1</b> | <b>6</b> |          | <b>7</b> | <b>3</b> |
| <b>6</b> |          |          |          |          |          |          |          | <b>2</b> |
| <b>5</b> | <b>7</b> |          | <b>2</b> | <b>3</b> |          | <b>9</b> |          | <b>6</b> |
|          | <b>3</b> | <b>9</b> | <b>6</b> |          |          |          |          | <b>7</b> |
|          | <b>6</b> |          | <b>4</b> | <b>9</b> | <b>7</b> | <b>3</b> | <b>2</b> |          |
| <b>7</b> | <b>5</b> | <b>3</b> | <b>1</b> | <b>2</b> | <b>8</b> | <b>6</b> | <b>9</b> |          |
|          |          | <b>2</b> | <b>3</b> |          | <b>5</b> |          |          | <b>8</b> |

3 - Ultra-easy

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|          | <b>7</b> | <b>9</b> | <b>3</b> | <b>4</b> |          | <b>2</b> | <b>5</b> |          |
|          |          | <b>2</b> |          |          |          | <b>3</b> |          |          |
|          | <b>5</b> | <b>1</b> | <b>9</b> | <b>2</b> | <b>7</b> |          | <b>8</b> |          |
|          | <b>4</b> | <b>8</b> |          | <b>1</b> |          |          | <b>2</b> |          |
| <b>2</b> | <b>9</b> | <b>3</b> | <b>6</b> |          |          | <b>5</b> |          | <b>8</b> |
| <b>1</b> |          | <b>5</b> | <b>8</b> | <b>9</b> | <b>2</b> | <b>7</b> |          | <b>3</b> |
| <b>8</b> |          |          | <b>4</b> | <b>3</b> | <b>9</b> |          |          | <b>5</b> |
|          |          |          |          |          | <b>1</b> | <b>9</b> | <b>6</b> | <b>2</b> |
|          | <b>1</b> | <b>7</b> | <b>2</b> | <b>6</b> |          |          |          |          |

4 - Ultra-easy

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|          |          | <b>8</b> |          | <b>6</b> | <b>2</b> | <b>3</b> |          | <b>4</b> |
|          | <b>9</b> | <b>6</b> |          |          | <b>4</b> | <b>7</b> |          | <b>2</b> |
| <b>7</b> |          |          |          |          |          | <b>1</b> | <b>5</b> | <b>6</b> |
| <b>2</b> |          |          |          |          | <b>6</b> |          | <b>4</b> |          |
|          | <b>4</b> | <b>9</b> | <b>3</b> | <b>7</b> | <b>8</b> | <b>2</b> |          | <b>5</b> |
| <b>8</b> |          |          | <b>2</b> |          | <b>5</b> |          |          | <b>3</b> |
| <b>4</b> | <b>8</b> |          | <b>5</b> |          |          |          | <b>3</b> |          |
| <b>9</b> |          |          |          | <b>3</b> |          | <b>4</b> | <b>7</b> | <b>8</b> |
| <b>6</b> | <b>7</b> | <b>3</b> | <b>4</b> | <b>8</b> | <b>9</b> | <b>5</b> |          |          |

5 - Ultra-easy

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|          | <b>9</b> |          | <b>5</b> | <b>1</b> | <b>8</b> |          | <b>7</b> |          |
| <b>3</b> | <b>5</b> | <b>8</b> |          |          | <b>7</b> |          |          |          |
|          | <b>2</b> | <b>7</b> |          |          |          |          |          |          |
| <b>9</b> |          |          | <b>1</b> | <b>8</b> |          | <b>2</b> | <b>3</b> |          |
| <b>2</b> | <b>6</b> |          |          | <b>7</b> | <b>9</b> |          |          | <b>1</b> |
|          |          |          |          | <b>3</b> | <b>5</b> | <b>9</b> | <b>6</b> |          |
|          |          |          | <b>8</b> | <b>4</b> | <b>1</b> | <b>7</b> |          | <b>6</b> |
| <b>7</b> | <b>1</b> | <b>6</b> |          | <b>5</b> | <b>3</b> | <b>4</b> | <b>2</b> | <b>8</b> |
| <b>8</b> | <b>4</b> | <b>9</b> | <b>7</b> |          |          | <b>5</b> |          | <b>3</b> |

6 - Ultra-easy

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>6</b> | <b>2</b> |          | <b>7</b> |          |          |          |          |          |
| <b>7</b> |          |          | <b>2</b> | <b>1</b> |          | <b>6</b> |          | <b>3</b> |
| <b>3</b> | <b>1</b> |          |          | <b>9</b> | <b>8</b> |          |          | <b>2</b> |
| <b>1</b> |          |          | <b>4</b> |          |          | <b>5</b> | <b>9</b> |          |
| <b>4</b> | <b>7</b> | <b>2</b> | <b>9</b> | <b>6</b> |          | <b>1</b> |          |          |
| <b>9</b> |          |          |          |          | <b>1</b> | <b>2</b> |          | <b>4</b> |
|          |          | <b>3</b> | <b>5</b> | <b>4</b> | <b>7</b> | <b>8</b> | <b>1</b> | <b>9</b> |
|          | <b>9</b> |          | <b>3</b> | <b>2</b> | <b>6</b> |          | <b>7</b> | <b>5</b> |
| <b>5</b> |          |          | <b>1</b> | <b>8</b> |          |          | <b>2</b> |          |

7 - Ultra-easy

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>3</b> | <b>5</b> | <b>6</b> | <b>1</b> | <b>4</b> | <b>2</b> | <b>8</b> | <b>7</b> |          |
| <b>2</b> | <b>9</b> | <b>1</b> | <b>5</b> | <b>8</b> | <b>7</b> | <b>6</b> | <b>3</b> |          |
|          |          |          |          | <b>9</b> | <b>3</b> |          |          | <b>2</b> |
| <b>9</b> |          |          |          | <b>3</b> | <b>4</b> | <b>7</b> |          |          |
| <b>4</b> |          |          |          | <b>6</b> |          |          | <b>9</b> | <b>5</b> |
| <b>6</b> |          |          | <b>7</b> |          |          | <b>2</b> | <b>4</b> |          |
|          |          |          | <b>3</b> | <b>7</b> |          |          |          | <b>8</b> |
|          | <b>6</b> | <b>2</b> | <b>4</b> | <b>1</b> |          |          | <b>5</b> | <b>3</b> |
| <b>1</b> | <b>3</b> |          | <b>9</b> | <b>2</b> |          |          |          |          |

8 - Ultra-easy

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>8</b> | <b>3</b> | <b>1</b> |          |          |          | <b>4</b> |          | <b>5</b> |
|          |          |          |          |          | <b>8</b> |          | <b>7</b> |          |
| <b>5</b> | <b>6</b> | <b>7</b> |          | <b>9</b> | <b>1</b> |          |          | <b>2</b> |
|          |          | <b>4</b> | <b>2</b> | <b>1</b> | <b>6</b> | <b>5</b> | <b>8</b> | <b>3</b> |
| <b>2</b> | <b>1</b> | <b>5</b> | <b>3</b> | <b>8</b> |          |          |          | <b>6</b> |
| <b>3</b> | <b>8</b> | <b>6</b> |          | <b>4</b> |          | <b>2</b> |          |          |
|          |          | <b>3</b> | <b>1</b> |          | <b>4</b> | <b>7</b> |          | <b>8</b> |
|          | <b>5</b> | <b>8</b> |          | <b>7</b> |          | <b>3</b> |          |          |
| <b>7</b> | <b>4</b> |          | <b>8</b> |          | <b>3</b> |          |          |          |

9 - Ultra-easy

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>7</b> |          | <b>3</b> | <b>5</b> |          |          |          |          |          |
| <b>9</b> |          |          | <b>7</b> | <b>6</b> |          | <b>8</b> |          |          |
|          | <b>6</b> | <b>5</b> | <b>8</b> | <b>1</b> | <b>9</b> | <b>7</b> |          | <b>2</b> |
|          |          |          | <b>6</b> |          | <b>2</b> |          |          |          |
| <b>1</b> |          |          |          | <b>5</b> |          | <b>9</b> | <b>8</b> |          |
| <b>5</b> | <b>9</b> | <b>7</b> | <b>1</b> | <b>3</b> | <b>8</b> | <b>4</b> | <b>2</b> | <b>6</b> |
| <b>8</b> | <b>5</b> |          |          |          | <b>6</b> |          | <b>1</b> | <b>4</b> |
| <b>6</b> | <b>7</b> | <b>1</b> | <b>3</b> |          | <b>5</b> | <b>2</b> |          |          |
| <b>2</b> | <b>3</b> |          |          |          |          |          | <b>5</b> | <b>7</b> |

10 - Ultra-easy

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>9</b> | <b>3</b> |          |          | <b>6</b> | <b>2</b> | <b>7</b> |          | <b>5</b> |
|          |          | <b>2</b> | <b>4</b> |          | <b>3</b> | <b>6</b> | <b>9</b> |          |
|          | <b>4</b> |          | <b>9</b> | <b>7</b> | <b>8</b> |          | <b>2</b> | <b>3</b> |
| <b>8</b> |          | <b>6</b> | <b>2</b> | <b>1</b> |          | <b>3</b> | <b>7</b> |          |
| <b>4</b> | <b>1</b> |          | <b>3</b> |          |          |          |          | <b>2</b> |
|          |          |          |          | <b>4</b> |          |          | <b>8</b> | <b>1</b> |
| <b>2</b> | <b>6</b> |          |          | <b>3</b> | <b>1</b> |          |          |          |
| <b>7</b> |          |          | <b>5</b> | <b>9</b> |          | <b>2</b> |          | <b>6</b> |
| <b>3</b> |          |          | <b>7</b> | <b>2</b> |          | <b>8</b> | <b>1</b> |          |

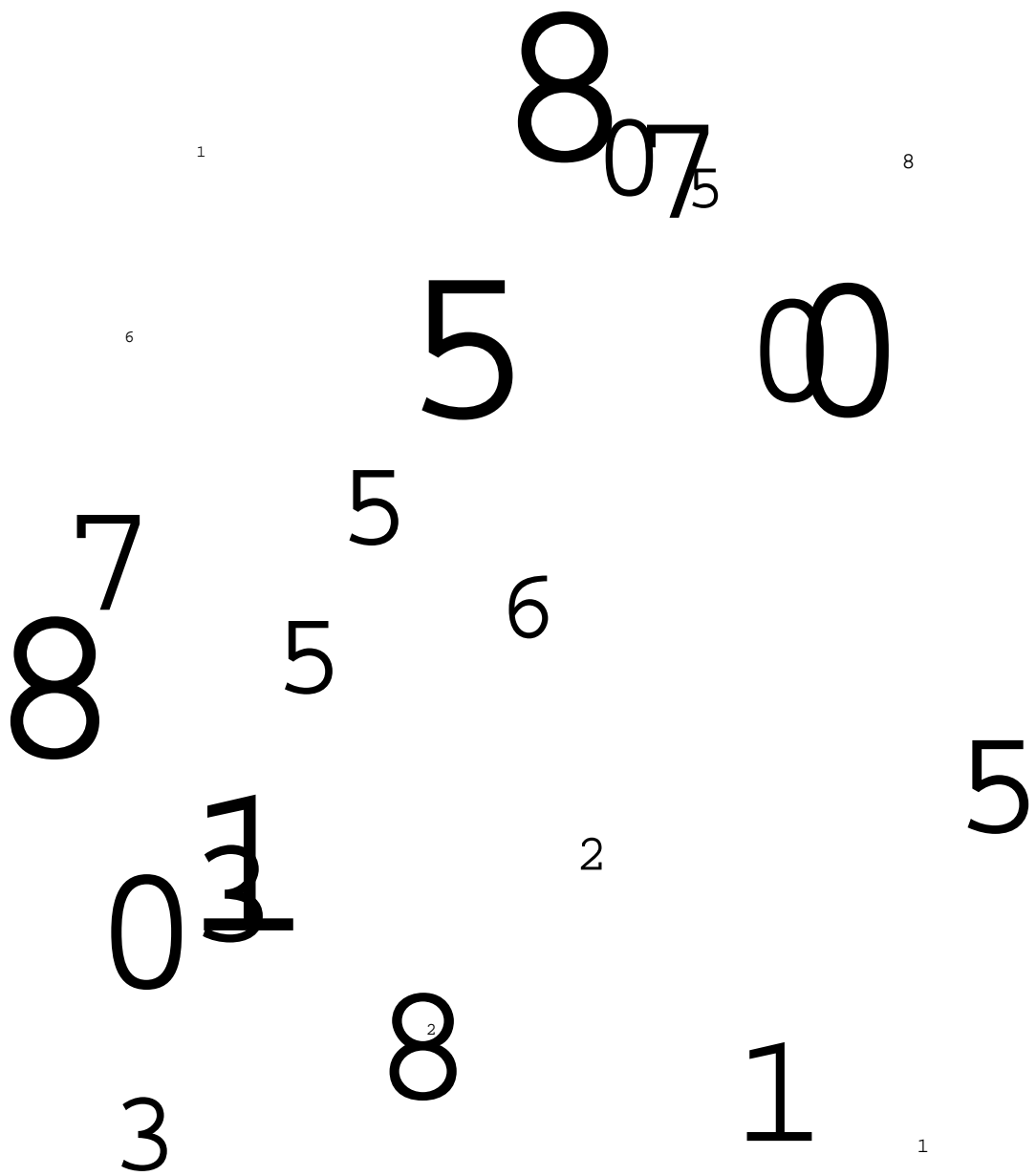
11 - Ultra-easy

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>7</b> | <b>6</b> | <b>2</b> | <b>1</b> | <b>8</b> |          | <b>3</b> |          | <b>5</b> |
| <b>9</b> |          |          | <b>3</b> | <b>2</b> |          | <b>7</b> |          |          |
|          |          | <b>8</b> |          | <b>5</b> |          | <b>6</b> | <b>1</b> | <b>2</b> |
|          |          | <b>5</b> |          |          |          | <b>9</b> | <b>3</b> |          |
|          | <b>1</b> | <b>9</b> | <b>6</b> | <b>4</b> | <b>3</b> |          | <b>2</b> | <b>7</b> |
| <b>4</b> |          |          | <b>5</b> |          |          | <b>8</b> |          |          |
|          | <b>9</b> |          | <b>8</b> |          | <b>1</b> | <b>4</b> |          |          |
| <b>1</b> | <b>8</b> |          | <b>4</b> |          | <b>5</b> | <b>2</b> | <b>7</b> |          |
|          | <b>3</b> |          | <b>2</b> | <b>7</b> |          | <b>1</b> | <b>8</b> |          |

12 - Ultra-easy

|          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|          |          | <b>4</b> | <b>7</b> | <b>3</b> | <b>8</b> |          |          | <b>6</b> |
|          | <b>6</b> | <b>8</b> |          |          | <b>4</b> |          |          |          |
|          |          |          |          | <b>6</b> |          | <b>2</b> | <b>8</b> | <b>4</b> |
|          | <b>4</b> | <b>5</b> | <b>3</b> | <b>9</b> | <b>2</b> | <b>6</b> |          | <b>1</b> |
|          | <b>7</b> | <b>9</b> |          |          | <b>1</b> | <b>3</b> | <b>5</b> | <b>2</b> |
| <b>3</b> |          | <b>1</b> |          | <b>5</b> | <b>7</b> | <b>4</b> | <b>9</b> |          |
| <b>4</b> | <b>5</b> |          | <b>8</b> | <b>7</b> | <b>6</b> |          |          |          |
| <b>7</b> |          |          | <b>9</b> |          |          | <b>8</b> |          |          |
| <b>9</b> |          |          |          | <b>4</b> | <b>3</b> | <b>7</b> |          | <b>5</b> |

# Solutions





| 1 |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 5 | 3 | 1 | 2 | 8 | 6 | 4 | 9 | 7 |
| 9 | 4 | 8 | 7 | 5 | 3 | 2 | 1 | 6 |
| 6 | 2 | 7 | 9 | 1 | 4 | 3 | 5 | 8 |
| 4 | 5 | 6 | 3 | 9 | 2 | 7 | 8 | 1 |
| 2 | 8 | 3 | 6 | 7 | 1 | 5 | 4 | 9 |
| 1 | 7 | 9 | 5 | 4 | 8 | 6 | 3 | 2 |
| 3 | 9 | 2 | 1 | 6 | 5 | 8 | 7 | 4 |
| 8 | 1 | 5 | 4 | 2 | 7 | 9 | 6 | 3 |
| 7 | 6 | 4 | 8 | 3 | 9 | 1 | 2 | 5 |

| 2 |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 4 | 1 | 6 | 8 | 7 | 3 | 2 | 5 | 9 |
| 3 | 9 | 7 | 5 | 4 | 2 | 8 | 6 | 1 |
| 8 | 2 | 5 | 9 | 1 | 6 | 4 | 7 | 3 |
| 6 | 8 | 4 | 7 | 5 | 9 | 1 | 3 | 2 |
| 5 | 7 | 1 | 2 | 3 | 4 | 9 | 8 | 6 |
| 2 | 3 | 9 | 6 | 8 | 1 | 5 | 4 | 7 |
| 1 | 6 | 8 | 4 | 9 | 7 | 3 | 2 | 5 |
| 7 | 5 | 3 | 1 | 2 | 8 | 6 | 9 | 4 |
| 9 | 4 | 2 | 3 | 6 | 5 | 7 | 1 | 8 |

| 3 |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 6 | 7 | 9 | 3 | 4 | 8 | 2 | 5 | 1 |
| 4 | 8 | 2 | 1 | 5 | 6 | 3 | 9 | 7 |
| 3 | 5 | 1 | 9 | 2 | 7 | 4 | 8 | 6 |
| 7 | 4 | 8 | 5 | 1 | 3 | 6 | 2 | 9 |
| 2 | 9 | 3 | 6 | 7 | 4 | 5 | 1 | 8 |
| 1 | 6 | 5 | 8 | 9 | 2 | 7 | 4 | 3 |
| 8 | 2 | 6 | 4 | 3 | 9 | 1 | 7 | 5 |
| 5 | 3 | 4 | 7 | 8 | 1 | 9 | 6 | 2 |
| 9 | 1 | 7 | 2 | 6 | 5 | 8 | 3 | 4 |

| 4 |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 5 | 1 | 8 | 7 | 6 | 2 | 3 | 9 | 4 |
| 3 | 9 | 6 | 1 | 5 | 4 | 7 | 8 | 2 |
| 7 | 2 | 4 | 8 | 9 | 3 | 1 | 5 | 6 |
| 2 | 3 | 5 | 9 | 1 | 6 | 8 | 4 | 7 |
| 1 | 4 | 9 | 3 | 7 | 8 | 2 | 6 | 5 |
| 8 | 6 | 7 | 2 | 4 | 5 | 9 | 1 | 3 |
| 4 | 8 | 1 | 5 | 2 | 7 | 6 | 3 | 9 |
| 9 | 5 | 2 | 6 | 3 | 1 | 4 | 7 | 8 |
| 6 | 7 | 3 | 4 | 8 | 9 | 5 | 2 | 1 |

| 5 |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 6 | 9 | 4 | 5 | 1 | 8 | 3 | 7 | 2 |
| 3 | 5 | 8 | 6 | 2 | 7 | 1 | 4 | 9 |
| 1 | 2 | 7 | 3 | 9 | 4 | 6 | 8 | 5 |
| 9 | 7 | 5 | 1 | 8 | 6 | 2 | 3 | 4 |
| 2 | 6 | 3 | 4 | 7 | 9 | 8 | 5 | 1 |
| 4 | 8 | 1 | 2 | 3 | 5 | 9 | 6 | 7 |
| 5 | 3 | 2 | 8 | 4 | 1 | 7 | 9 | 6 |
| 7 | 1 | 6 | 9 | 5 | 3 | 4 | 2 | 8 |
| 8 | 4 | 9 | 7 | 6 | 2 | 5 | 1 | 3 |

| 6 |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 6 | 2 | 8 | 7 | 5 | 3 | 9 | 4 | 1 |
| 7 | 5 | 9 | 2 | 1 | 4 | 6 | 8 | 3 |
| 3 | 1 | 4 | 6 | 9 | 8 | 7 | 5 | 2 |
| 1 | 8 | 6 | 4 | 3 | 2 | 5 | 9 | 7 |
| 4 | 7 | 2 | 9 | 6 | 5 | 1 | 3 | 8 |
| 9 | 3 | 5 | 8 | 7 | 1 | 2 | 6 | 4 |
| 2 | 6 | 3 | 5 | 4 | 7 | 8 | 1 | 9 |
| 8 | 9 | 1 | 3 | 2 | 6 | 4 | 7 | 5 |
| 5 | 4 | 7 | 1 | 8 | 9 | 3 | 2 | 6 |

| 7 |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 3 | 5 | 6 | 1 | 4 | 2 | 8 | 7 | 9 |
| 2 | 9 | 1 | 5 | 8 | 7 | 6 | 3 | 4 |
| 8 | 7 | 4 | 6 | 9 | 3 | 5 | 1 | 2 |
| 9 | 1 | 5 | 2 | 3 | 4 | 7 | 8 | 6 |
| 4 | 2 | 7 | 8 | 6 | 1 | 3 | 9 | 5 |
| 6 | 8 | 3 | 7 | 5 | 9 | 2 | 4 | 1 |
| 5 | 4 | 9 | 3 | 7 | 6 | 1 | 2 | 8 |
| 7 | 6 | 2 | 4 | 1 | 8 | 9 | 5 | 3 |
| 1 | 3 | 8 | 9 | 2 | 5 | 4 | 6 | 7 |

| 8 |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 8 | 3 | 1 | 7 | 6 | 2 | 4 | 9 | 5 |
| 4 | 2 | 9 | 5 | 3 | 8 | 6 | 7 | 1 |
| 5 | 6 | 7 | 4 | 9 | 1 | 8 | 3 | 2 |
| 9 | 7 | 4 | 2 | 1 | 6 | 5 | 8 | 3 |
| 2 | 1 | 5 | 3 | 8 | 7 | 9 | 4 | 6 |
| 3 | 8 | 6 | 9 | 4 | 5 | 2 | 1 | 7 |
| 6 | 9 | 3 | 1 | 2 | 4 | 7 | 5 | 8 |
| 1 | 5 | 8 | 6 | 7 | 9 | 3 | 2 | 4 |
| 7 | 4 | 2 | 8 | 5 | 3 | 1 | 6 | 9 |

| 9 |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 7 | 8 | 3 | 5 | 2 | 4 | 1 | 6 | 9 |
| 9 | 1 | 2 | 7 | 6 | 3 | 8 | 4 | 5 |
| 4 | 6 | 5 | 8 | 1 | 9 | 7 | 3 | 2 |
| 3 | 4 | 8 | 6 | 9 | 2 | 5 | 7 | 1 |
| 1 | 2 | 6 | 4 | 5 | 7 | 9 | 8 | 3 |
| 5 | 9 | 7 | 1 | 3 | 8 | 4 | 2 | 6 |
| 8 | 5 | 9 | 2 | 7 | 6 | 3 | 1 | 4 |
| 6 | 7 | 1 | 3 | 4 | 5 | 2 | 9 | 8 |
| 2 | 3 | 4 | 9 | 8 | 1 | 6 | 5 | 7 |

| 10 |   |   |   |   |   |   |   |   |
|----|---|---|---|---|---|---|---|---|
| 9  | 3 | 8 | 1 | 6 | 2 | 7 | 4 | 5 |
| 1  | 7 | 2 | 4 | 5 | 3 | 6 | 9 | 8 |
| 6  | 4 | 5 | 9 | 7 | 8 | 1 | 2 | 3 |
| 8  | 9 | 6 | 2 | 1 | 5 | 3 | 7 | 4 |
| 4  | 1 | 7 | 3 | 8 | 9 | 5 | 6 | 2 |
| 5  | 2 | 3 | 6 | 4 | 7 | 9 | 8 | 1 |
| 2  | 6 | 9 | 8 | 3 | 1 | 4 | 5 | 7 |
| 7  | 8 | 1 | 5 | 9 | 4 | 2 | 3 | 6 |
| 3  | 5 | 4 | 7 | 2 | 6 | 8 | 1 | 9 |

| 11 |   |   |   |   |   |   |   |   |
|----|---|---|---|---|---|---|---|---|
| 7  | 6 | 2 | 1 | 8 | 4 | 3 | 9 | 5 |
| 9  | 5 | 1 | 3 | 2 | 6 | 7 | 4 | 8 |
| 3  | 4 | 8 | 9 | 5 | 7 | 6 | 1 | 2 |
| 6  | 2 | 5 | 7 | 1 | 8 | 9 | 3 | 4 |
| 8  | 1 | 9 | 6 | 4 | 3 | 5 | 2 | 7 |
| 4  | 7 | 3 | 5 | 9 | 2 | 8 | 6 | 1 |
| 2  | 9 | 7 | 8 | 6 | 1 | 4 | 5 | 3 |
| 1  | 8 | 6 | 4 | 3 | 5 | 2 | 7 | 9 |
| 5  | 3 | 4 | 2 | 7 | 9 | 1 | 8 | 6 |

| 12 |   |   |   |   |   |   |   |   |
|----|---|---|---|---|---|---|---|---|
| 2  | 9 | 4 | 7 | 3 | 8 | 5 | 1 | 6 |
| 5  | 6 | 8 | 2 | 1 | 4 | 9 | 3 | 7 |
| 1  | 3 | 7 | 5 | 6 | 9 | 2 | 8 | 4 |
| 8  | 4 | 5 | 3 | 9 | 2 | 6 | 7 | 1 |
| 6  | 7 | 9 | 4 | 8 | 1 | 3 | 5 | 2 |
| 3  | 2 | 1 | 6 | 5 | 7 | 4 | 9 | 8 |
| 4  | 5 | 3 | 8 | 7 | 6 | 1 | 2 | 9 |
| 7  | 1 | 6 | 9 | 2 | 5 | 8 | 4 | 3 |
| 9  | 8 | 2 | 1 | 4 | 3 | 7 | 6 | 5 |