



# PUZZLE MADNESS

Daily Medium Samurai Sudoku Puzzle for Saturday 7th June 2014

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|--|---|---|--|--|---|--|---|--|---|--|---|---|--|---|---|---|--|---|---|---|---|--|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|--|---|--|--|--|---|---|---|---|--|---|---|---|--|--|---|--|---|---|--|---|---|---|---|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|---|--|---|---|---|---|--|---|---|--|---|---|--|---|---|---|---|--|--|--|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|---|---|--|---|---|--|--|---|---|---|--|---|--|--|--|--|--|---|--|---|---|--|---|--|--|--|--|--|---|---|--|--|--|--|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| <table><tr><td></td><td>9</td><td></td><td></td><td>4</td><td></td><td></td><td>7</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>8</td></tr><tr><td>3</td><td></td><td>2</td><td></td><td></td><td>8</td><td></td><td></td><td></td></tr><tr><td>6</td><td>3</td><td></td><td>1</td><td></td><td></td><td></td><td></td><td>9</td></tr><tr><td>2</td><td></td><td></td><td>8</td><td>9</td><td>7</td><td></td><td></td><td>5</td></tr><tr><td></td><td>7</td><td></td><td></td><td>3</td><td></td><td>2</td><td></td><td></td></tr></table>                                                                                                                                                                                                                                                                                     |   |   |   |   |   |   |   |   |   | 9 |  |   | 4 |  |  | 7 |  |   |  |   |  |   |   |  | 1 | 8 | 3 |  | 2 |   |   | 8 |  |  |  | 6                                                                                                                                                                                                                                                                                                 | 3 |  | 1 |  |  |  |   | 9 | 2 |   |  | 8 | 9 | 7 |  |  | 5 |  | 7 |   |  | 3 |   | 2 |   |  | <table><tr><td>5</td><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td>2</td><td></td><td>4</td><td></td><td></td><td></td><td>8</td></tr><tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td>4</td><td>6</td><td></td></tr><tr><td>4</td><td>6</td><td></td><td></td><td>7</td><td>5</td><td></td><td></td><td>2</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td>8</td><td></td></tr><tr><td></td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> |  |  |  |  |  |   |  |   | 5 | 9 |   |  |   |   |  |   |   |  |   | 2 |   | 4 |  |  |  | 8 | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |  |  |  |  | 4 | 6 |  | 4 | 6 |  |  | 7 | 5 |   |  | 2 |  |  |  |  |  | 1 |  | 8 |   |  | 7 |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 9 |   |   | 4 |   |   | 7 |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |   | 1 | 8 |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   | 2 |   |   | 8 |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3 |   | 1 |   |   |   |   | 9 |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |   | 8 | 9 | 7 |   |   | 5 |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 7 |   |   | 3 |   | 2 |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 9 |   |   |   |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   | 2 |   | 4 |   |   |   | 8 |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |   |   |   |   | 4 | 6 |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 6 |   |   | 7 | 5 |   |   | 2 |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   | 1 |   | 8 |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 7 |   |   |   |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <table><tr><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td>7</td><td></td><td>2</td><td>4</td><td></td><td>5</td><td></td></tr><tr><td></td><td></td><td></td><td>3</td><td></td><td></td><td></td><td></td><td></td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |   |   |   |   |   |   |  |   | 1 |  |  |   |  |   |  | 7 |  | 2 | 4 |  | 5 |   |   |  |   | 3 |   |   |  |  |  | <table><tr><td>5</td><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> |   |  |   |  |  |  |   |   | 5 | 4 |  |   |   |   |  |  |   |  | 8 | 7 |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   | 1 |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   | 7 |   | 2 | 4 |   | 5 |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   | 3 |   |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4 |   |   |   |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8 | 7 |   |   |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <table><tr><td></td><td></td><td></td><td></td><td>7</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td>4</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td>8</td><td>5</td><td></td><td></td><td></td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |   |   |  |   | 7 |  |  |   |  |   |  |   |  | 4 |   |  |   |   |   |  |   |   | 8 | 5 |  |  |  | <table><tr><td></td><td></td><td></td><td></td><td></td><td>2</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td>7</td><td>3</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>9</td></tr></table> |   |  |   |  |  |  |   |   |   |   |  |   |   | 2 |  |  |   |  |   |   |  | 7 | 3 |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  | 9 |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   | 7 |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   | 4 |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   | 8 | 5 |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   | 2 |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   | 7 | 3 |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |   |   | 9 |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <table><tr><td>5</td><td>6</td><td></td><td>1</td><td>4</td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td>2</td><td>5</td><td></td><td></td><td></td></tr><tr><td>7</td><td>2</td><td></td><td></td><td></td><td></td><td></td><td>8</td><td>9</td></tr><tr><td>3</td><td></td><td></td><td>2</td><td></td><td></td><td></td><td></td><td>6</td></tr><tr><td></td><td>9</td><td></td><td></td><td>7</td><td></td><td></td><td>4</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td></tr><tr><td></td><td></td><td>1</td><td></td><td>9</td><td>8</td><td></td><td>6</td><td>7</td></tr><tr><td></td><td>7</td><td>6</td><td>4</td><td></td><td></td><td></td><td></td><td></td></tr></table> |   |   |   |   |   |   |   |   | 5 | 6 |  | 1 | 4 |  |  |   |  | 8 |  |   |  |   |   |  |   |   |   |  |   |   | 2 | 5 |  |  |  | 7                                                                                                                                                                                                                                                                                                 | 2 |  |   |  |  |  | 8 | 9 | 3 |   |  | 2 |   |   |  |  | 6 |  | 9 |   |  | 7 |   |   | 4 |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  | 1 |  |   |   |   | 1 |  | 9 | 8 |  | 6 | 7 |  | 7 | 6 | 4 |   |  |  |  |   | <table><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>7</td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>6</td><td>2</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>4</td><td>9</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>6</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> |  |  |  |  |  |   |   |  |   |   |  |  |   |   | 7 |  |   |  |  |  |  |  |   |  | 6 | 2 |  |   |  |  |  |  |  | 4 | 9 |  |  |  |  |  |  |  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 6 |   | 1 | 4 |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |   |   |   |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   | 2 | 5 |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2 |   |   |   |   |   | 8 | 9 |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |   | 2 |   |   |   |   | 6 |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 9 |   |   | 7 |   |   | 4 |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   | 1 |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   | 1 |   | 9 | 8 |   | 6 | 7 |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 7 | 6 | 4 |   |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   | 7 |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |   | 6 | 2 |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |   | 4 | 9 |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |   |   | 6 |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |   |   |   |   |   |   |   |   |   |  |   |   |  |  |   |  |   |  |   |  |   |   |  |   |   |   |  |   |   |   |   |  |  |  |                                                                                                                                                                                                                                                                                                   |   |  |   |  |  |  |   |   |   |   |  |   |   |   |  |  |   |  |   |   |  |   |   |   |   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |  |  |  |   |  |   |   |   |   |  |   |   |  |   |   |  |   |   |   |   |  |  |  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |  |  |   |   |  |   |   |  |  |   |   |   |  |   |  |  |  |  |  |   |  |   |   |  |   |  |  |  |  |  |   |   |  |  |  |  |  |  |  |  |   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |