

Step 0: Start

Initial puzzle & candidates.

1	2	3	4	5	<small>6 7</small>	<small>7</small>	8	9
4	5	<small>6</small>	<small>7 8</small>	<small>2 3 6 8</small>	9	1	<small>2</small>	<small>3 7</small>
<small>7 8</small>	<small>7 8 9</small>	<small>9</small>	<small>1</small>	<small>1 2 3 8</small>	<small>2 3 7</small>	<small>2 4 5 7</small>	<small>2 5</small>	6
<small>2 5</small>	3	<small>4 9</small>	<small>5 7 9</small>	<small>6 9</small>	<small>6 7</small>	8	<small>2 6 9</small>	<small>1 4 7</small>
<small>2 5 8</small>	6	7	<small>5 8 9</small>	<small>8 9</small>	1	<small>2 4 9</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3 6 8 9</small>	4	5	<small>6 9 7</small>	
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6 7</small>	<small>7</small>	8	<small>1 9</small>	<small>1 2 9</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 1: Naked Single

R1C7 = 7 (naked single).

1	2	3	4	5	<small>6</small>	7	8	9
4	5	<small>6</small>	<small>7 8</small>	<small>2 3 6 8</small>	9	1	<small>2</small>	<small>3</small>
<small>7 8</small>	<small>7 8 9</small>	<small>9</small>	<small>1 7 8</small>	<small>1 2 3 8</small>	<small>2 3 7</small>	<small>2 4</small>	<small>2 5</small>	6
<small>2 5</small>	3	<small>4 9</small>	<small>5 7 9</small>	<small>6 9</small>	<small>6 7</small>	8	<small>2 6 9</small>	<small>1 4 7</small>
<small>2 5 8</small>	6	7	<small>5 8 9</small>	<small>8 9</small>	1	<small>2 4 9</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3 6 8 9</small>	4	5	<small>6 9 7</small>	
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6 7</small>	<small>7</small>	8	<small>1 9</small>	<small>1 2 9</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 2: Naked Single

R1C6 = 6 (naked single).

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

Step 3: Naked Single

R2C3 = 6 (naked single).

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

Step 4: Naked Single

R2C8 = 2 (naked single).

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

Step 5: Naked Single

R2C9 = 3 (naked single).

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

Step 6: Naked Single

R2C5 = 8 (naked single).

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

Step 7: Naked Single

R2C4 = 7 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8 9</small>	<small>9</small>	<small>1</small>	<small>1 2 3</small>	<small>2 3</small>	<small>4</small>	<small>5</small>	6
<small>2 5</small>	3	<small>4 9</small>	<small>5 9</small>	<small>6 9 7</small>	8	<small>6 9 7</small>	<small>1 4</small>	<small>1 4 7</small>
<small>2 5 8</small>	6	7	<small>5 8 9</small>	<small>9</small>	1	<small>2 4 9</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3 6 9</small>	4	5	<small>6 9 7</small>	
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6 7</small>	<small>7</small>	8	<small>1 9</small>	<small>1 2 9</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 8: Naked Single

R3C3 = 9 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8</small>	9	<small>1</small>	<small>1 2 3</small>	<small>2 3</small>	<small>4</small>	<small>5</small>	6
<small>2 5</small>	3	<small>4</small>	<small>5 9</small>	<small>6 9</small>	<small>7</small>	8	<small>6 9</small>	<small>1 4 7</small>
<small>2 5 8</small>	6	7	<small>5 8 9</small>	<small>9</small>	1	<small>2 4 9</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3 6 9</small>	4	5	<small>6 9 7</small>	
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6 7</small>	<small>7</small>	8	<small>1 9</small>	<small>1 2 9</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 9: Naked Single

R3C4 = 1 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8</small>	9	1	<small>2 3</small>	<small>2 3</small>	<small>4</small>	<small>5</small>	6
<small>2 5</small>	3	<small>4</small>	<small>5 9</small>	<small>6 9 7</small>	8	<small>6 9 7</small>	<small>1 4</small>	
<small>2 5 8</small>	6	7	<small>5 8 9</small>	<small>9</small>	1	<small>2 4 9</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3 6 9</small>	4	5	<small>6 9 7</small>	
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6 7</small>		8	<small>9</small>	<small>1 2 9</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 10: Naked Single

R3C7 = 4 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8</small>	9	1	<small>2 3</small>	<small>2 3</small>	4	<small>5</small>	6
<small>2 5</small>	3	<small>4</small>	<small>5 9</small>	<small>6 9 7</small>	8	<small>6 9 7</small>	<small>1 4</small>	
<small>2 5 8</small>	6	7	<small>5 8 9</small>	<small>9</small>	1	<small>2 9</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3 6 9</small>	4	5	<small>6 9 7</small>	
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6 7</small>	<small>7</small>	8	<small>9</small>	<small>1 2 9</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 11: Naked Single

R3C8 = 5 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8</small>	9	1	<small>2 3</small>	<small>2 3</small>	4	5	6
<small>2 5</small>	3	<small>4</small>	<small>5 9</small>	<small>6 9 7</small>	8	<small>6 9 7</small>	<small>1 4</small>	
<small>2 5 8</small>	6	7	<small>5 8 9</small>	<small>9</small>	1	<small>2 9</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3 6 9</small>	4	5	<small>6 9 7</small>	
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6 7</small>	<small>7</small>	8	<small>9</small>	<small>1 2 9</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 12: Naked Single

R4C3 = 4 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8</small>	9	1	<small>2 3</small>	<small>2 3</small>	4	5	6
<small>2 5</small>	3	4	<small>5 9</small>	<small>6 9 7</small>		8	<small>6 9 7</small>	<small>1</small>
<small>2 5 8</small>	6	7	<small>5 8 9</small>	<small>9</small>	1	<small>2 9</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3 6 9</small>	4	5	<small>6 9 7</small>	
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6 7</small>		8	<small>9</small>	<small>1 2 9</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 13: Naked Single

R4C6 = 7 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8</small>	9	1	<small>2 3</small>	<small>2 3</small>	4	5	6
<small>2 5</small>	3	4	<small>5 9</small>	<small>6 9</small>	7	8	<small>6 9</small>	<small>1</small>
<small>2 5 8</small>	6	7	<small>5 8 9</small>	<small>9</small>	1	<small>2 9</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3 6 9</small>	4	5	<small>6 9 7</small>	
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6 7</small>	<small>7</small>	8	<small>9</small>	<small>1 2 9</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 14: Naked Single

R4C9 = 1 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8</small>	9	1	<small>2 3</small>	<small>2 3</small>	4	5	6
<small>2 5</small>	3	4	<small>5 9</small>	<small>6 9</small>	7	8	<small>6 9</small>	1
<small>2 5 8</small>	6	7	<small>5 8 9</small>	<small>9</small>	1	<small>2 9</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3 6 9</small>	4	5	<small>6 9 7</small>	
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6 7</small>	<small>7</small>	8	<small>9</small>	<small>1 2 9</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 15: Naked Single

R5C5 = 9 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8</small>	9	1	<small>2 3</small>	<small>2 3</small>	4	5	6
<small>2 5</small>	3	4	<small>5</small>	<small>6</small>	7	8	<small>6 9</small>	1
<small>2 5 8</small>	6	7	<small>5 8</small>	9	1	<small>2</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3 6</small>	4	5	<small>6 9 7</small>	
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6 7</small>	<small>7</small>	8	<small>9</small>	<small>1 2</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 16: Naked Single

R4C4 = 5 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8</small>	9	1	<small>2 3</small>	<small>2 3</small>	4	5	6
<small>2</small>	3	4	5	<small>6</small>	7	8	<small>6 9</small>	1
<small>2 5 8</small>	6	7	<small>8</small>	9	1	<small>2</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3 6</small>	4	5	<small>6 9 7</small>	
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6 7</small>	<small>7</small>	8	<small>9</small>	<small>1 2</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 17: Naked Single

R4C1 = 2 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8</small>	9	1	<small>2 3</small>	<small>2 3</small>	4	5	6
2	3	4	5	<small>6</small>	7	8	<small>6 9</small>	1
<small>5 8</small>	6	7	<small>8</small>	9	1	<small>2</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3 6</small>	4	5	<small>6 9 7</small>	
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6 7</small>	<small>7</small>	8	<small>9</small>	<small>1 2</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 18: Naked Single

R4C5 = 6 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8</small>	9	1	<small>2 3</small>	<small>2 3</small>	4	5	6
2	3	4	5	6	7	8	<small>9</small>	1
<small>5 8</small>	6	7	<small>8</small>	9	1	<small>2</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3</small>	4	5	<small>6 9 7</small>	
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>7 6</small>	<small>7</small>	8	<small>9</small>	<small>1 2</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 19: Naked Single

R4C8 = 9 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8</small>	9	1	<small>2 3</small>	<small>2 3</small>	4	5	6
2	3	4	5	6	7	8	9	1
<small>5 8</small>	6	7	<small>8</small>	9	1	<small>2</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3</small>	4	5	<small>6 7</small>	
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6 7</small>	<small>7</small>	8	<small>9</small>	<small>1 2</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 20: Naked Single

R5C4 = 8 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8</small>	9	1	<small>2 3</small>	<small>2 3</small>	4	5	6
2	3	4	5	6	7	8	9	1
<small>5</small>	6	7	8	9	1	<small>2</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3</small>	4	5	<small>6</small>	<small>7</small>
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>7</small>	<small>6</small>	8	<small>9</small>	<small>1 2</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 21: Naked Single

R5C1 = 5 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8</small>	9	1	<small>2 3</small>	<small>2 3</small>	4	5	6
2	3	4	5	6	7	8	9	1
5	6	7	8	9	1	<small>2</small>	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3</small>	4	5	<small>6</small>	<small>7</small>
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6</small>	<small>7</small>	8	<small>9</small>	<small>1 2</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 22: Naked Single

R5C7 = 2 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8</small>	9	1	<small>2 3</small>	<small>2 3</small>	4	5	6
2	3	4	5	6	7	8	9	1
5	6	7	8	9	1	2	3	<small>4</small>
<small>8</small>	<small>8 9</small>	1	2	<small>3</small>	4	5	<small>6</small>	<small>7</small>
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6</small>	<small>7</small>	8	<small>9</small>	<small>1 2</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 23: Naked Single

R5C9 = 4 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7 8</small>	<small>7 8</small>	9	1	<small>2 3</small>	<small>2 3</small>	4	5	6
2	3	4	5	6	7	8	9	1
5	6	7	8	9	1	2	3	4
<small>8</small>	<small>8 9</small>	1	2	<small>3</small>	4	5	<small>6</small>	<small>7</small>
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>7</small>	<small>6</small>	8	<small>9</small>	<small>1 2</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 24: Naked Single

R6C1 = 8 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
<small>7</small>	<small>7 8</small>	9	1	<small>2 3</small>	<small>2 3</small>	4	5	6
2	3	4	5	6	7	8	9	1
5	6	7	8	9	1	2	3	4
8	<small>9</small>	1	2	<small>3</small>	4	5	<small>6</small>	<small>7</small>
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6</small>	<small>7</small>	8	<small>9</small>	<small>1 2</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 25: Naked Single

R3C1 = 7 (naked single).

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

Step 26: Naked Single

R3C2 = 8 (naked single).

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

Step 27: Naked Single

R6C2 = 9 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
7	8	9	1	<small>2 3</small>	<small>2 3</small>	4	5	6
2	3	4	5	6	7	8	9	1
5	6	7	8	9	1	2	3	4
8	9	1	2	<small>3</small>	4	5	<small>6</small>	<small>7</small>
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6</small>	<small>7</small>	8	<small>9</small>	<small>1 2</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 28: Naked Single

R6C5 = 3 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
7	8	9	1	<small>2</small>	<small>2 3</small>	4	5	6
2	3	4	5	6	7	8	9	1
5	6	7	8	9	1	2	3	4
8	9	1	2	3	4	5	<small>6</small>	<small>7</small>
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6</small>	<small>7</small>	8	<small>9</small>	<small>1 2</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 29: Naked Single

R3C5 = 2 (naked single).

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

Step 30: Naked Single

R3C6 = 3 (naked single).

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

Step 31: Naked Single

R6C8 = 6 (naked single).

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

Step 32: Naked Single

R6C9 = 7 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
7	8	9	1	2	3	4	5	6
2	3	4	5	6	7	8	9	1
5	6	7	8	9	1	2	3	4
8	9	1	2	3	4	5	6	7
3	<small>4</small>	5	6	7	8	<small>9</small>	1	2
<small>6</small>	<small>7</small>	8	<small>9</small>	<small>1</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 33: Naked Single

R7C2 = 4 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
7	8	9	1	2	3	4	5	6
2	3	4	5	6	7	8	9	1
5	6	7	8	9	1	2	3	4
8	9	1	2	3	4	5	6	7
3	4	5	6	7	8		1	2
<small>6</small>	<small>7</small>	8	<small>9</small>	<small>1</small>	<small>2</small>	<small>9</small> 3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 34: Naked Single

R7C7 = 9 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
7	8	9	1	2	3	4	5	6
2	3	4	5	6	7	8	9	1
5	6	7	8	9	1	2	3	4
8	9	1	2	3	4	5	6	7
3	4	5	6	7	8	9	1	2
<small>6</small>	<small>7</small>	8	<small>9</small>	<small>1</small>	<small>2</small>	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 35: Naked Single

R8C1 = 6 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
7	8	9	1	2	3	4	5	6
2	3	4	5	6	7	8	9	1
5	6	7	8	9	1	2	3	4
8	9	1	2	3	4	5	6	7
3	4	5	6	7	8	9	1	2
6		8		<small>1</small>	<small>2</small>	3	4	<small>5</small>
<small>7</small>			<small>9</small>					
9	1	2	3	<small>4</small>	5	6	7	8

Step 36: Naked Single

R8C2 = 7 (naked single).

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

Step 37: Naked Single

R8C4 = 9 (naked single).

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

Step 38: Naked Single

R8C5 = 1 (naked single).

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

Step 39: Naked Single

R8C6 = 2 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
7	8	9	1	2	3	4	5	6
2	3	4	5	6	7	8	9	1
5	6	7	8	9	1	2	3	4
8	9	1	2	3	4	5	6	7
3	4	5	6	7	8	9	1	2
6	7	8	9	1	2	3	4	<small>5</small>
9	1	2	3	<small>4</small>	5	6	7	8

Step 40: Naked Single

R8C9 = 5 (naked single).

1	2	3	4	5	6	7	8	9
4	5	6	7	8	9	1	2	3
7	8	9	1	2	3	4	5	6
2	3	4	5	6	7	8	9	1
5	6	7	8	9	1	2	3	4
8	9	1	2	3	4	5	6	7
3	4	5	6	7	8	9	1	2
6	7	8	9	1	2	3	4	5
9	1	2	3	<small>4</small>	5	6	7	8

Step 41: Naked Single

R9C5 = 4 (naked single).

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