

Note: You can print the upper and lower boards side by side or vertically. Both styles are shown below, followed by gameplay.

Printing upper/lower boards side by side

	0	1	2	3	4	5	6	7	8	9		0	1	2	3	4	5	6	7	8	9	
0	-	-	-	-	-	-	-	-	-	-		0	1	1			1	*	1			
1	-	-	-	-	-	-	-	-	-	-		1	*	1			1	1	1	1	2	2
2	-	-	-	-	-	-	-	-	-	-		2	1	1	1	1	1		1	2	*	*
3	-	-	-	-	-	-	-	-	-	-		3	1	1	1	*	1		1	*	3	2
4	-	-	-	-	-	-	-	-	-	-		4	*	2	2	1	1		1	1	1	
5	-	-	-	-	-	-	-	-	-	-		5	2	*	1		1	1	1			
6	-	-	-	-	-	-	-	-	-	-		6	1	1	1		1	*	1			
7	-	-	-	-	-	-	-	-	-	-		7		1	1	1	1	1	1			
8	-	-	-	-	-	-	-	-	-	-		8		1	*	1						
9	-	-	-	-	-	-	-	-	-	-		9		1	1	1						

There are 10 mines left.

Printing upper/lower boards vertically

***** What the player sees *****

	0	1	2	3	4	5	6	7	8	9
0	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-

There are 8 mines remaining.

***** Lower board *****

	0	1	2	3	4	5	6	7	8	9
0	2	2	1	0	0	0	0	0	0	0
1	*	*	1	0	0	0	0	0	0	0
2	2	2	1	0	0	0	0	0	0	0
3	0	0	0	0	0	1	1	1	0	0
4	0	0	0	0	1	3	*	2	1	1
5	0	0	0	0	1	*	*	2	1	*
6	0	0	0	0	2	3	3	1	1	1

```
7 0 0 0 1 2 * 1 0 0 0
8 0 0 0 1 * 2 1 0 0 0
9 0 0 0 1 1 1 0 0 0 0
```

Gameplay Example

[illegible][illegible]

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*
3	1	1	1	*	1		1	*	3	2
4	*	2	2	1	1		1	1	1	
5	2	*	1		1	1	1			
6	1	1	1		1	*	1			
7		1	1	1	1	1	1			
8		1	*	1						
9		1	1	1						

There are 10 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 1

Enter column: 2

[illegible]

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*
3	1	1	1	*	1		1	*	3	2
4	*	2	2	1	1		1	1	1	
5	2	*	1		1	1	1			
6	1	1	1		1	*	1			
7		1	1	1	1	1	1			
8		1	*	1						
9		1	1	1						

There are 10 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 1

Enter column: 5

	0	1	2	3	4	5	6	7	8	9
0	_	1			1	_	_	_	_	_
1	_	1			1	1	_	_	_	_
2	_	1	1	1	1	_	_	_	_	_
3	_	_	_	_	_	_	_	_	_	_
4	_	_	_	_	_	_	_	_	_	_
5	_	_	_	_	_	_	_	_	_	_
6	_	_	_	_	_	_	_	_	_	_
7	_	_	_	_	_	_	_	_	_	_
8	_	_	_	_	_	_	_	_	_	_
9	_	_	_	_	_	_	_	_	_	_

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*
3	1	1	1	*	1		1	*	3	2
4	*	2	2	1	1		1	1	1	
5	2	*	1		1	1	1			
6	1	1	1		1	*	1			
7		1	1	1	1	1	1			
8		1	*	1						
9		1	1	1						

There are 10 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > f

Enter row: 0

Enter column: 5

	0	1	2	3	4	5	6	7	8	9
0	_	1			1	F	_	_	_	_
1	_	1			1	1	_	_	_	_
2	_	1	1	1	1	_	_	_	_	_
3	_	_	_	_	_	_	_	_	_	_
4	_	_	_	_	_	_	_	_	_	_
5	_	_	_	_	_	_	_	_	_	_
6	_	_	_	_	_	_	_	_	_	_
7	_	_	_	_	_	_	_	_	_	_
8	_	_	_	_	_	_	_	_	_	_
9	_	_	_	_	_	_	_	_	_	_

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*
3	1	1	1	*	1		1	*	3	2
4	*	2	2	1	1		1	1	1	
5	2	*	1		1	1	1			
6	1	1	1		1	*	1			
7		1	1	1	1	1	1			
8		1	*	1						
9		1	1	1						

There are 9 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 0

Enter column: 6

	0	1	2	3	4	5	6	7	8	9
0	_	1			1	F	1	_	_	_
1	_	1			1	1	_	_	_	_
2	_	1	1	1	1	_	_	_	_	_

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*

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

There are 9 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 1

Enter column: 6

0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
0	-	1			1	F	1	-	-	0	1	1		1	*	1			
1	-	1			1	1	1	-	-	1	*	1		1	1	1	1	2	2
2	-	1	1	1	1	1	-	-	-	2	1	1	1	1	1	1	2	*	*
3	-	-	-	-	-	-	-	-	-	3	1	1	1	*	1	1	*	3	2
4	-	-	-	-	-	-	-	-	-	4	*	2	2	1	1	1	1	1	1
5	-	-	-	-	-	-	-	-	-	5	2	*	1	1	1	1	1	1	1
6	-	-	-	-	-	-	-	-	-	6	1	1	1	1	1	*	1	1	1
7	-	-	-	-	-	-	-	-	-	7	1	1	1	1	1	1	1	1	1
8	-	-	-	-	-	-	-	-	-	8	1	*	1	1	1	1	1	1	1
9	-	-	-	-	-	-	-	-	-	9	1	1	1	1	1	1	1	1	1

There are 9 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 0

Enter column: 7

0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9
0	-	1			1	F	1	-	-	0	1	1		1	*	1			
1	-	1			1	1	1	1	2	1	*	1		1	1	1	1	2	2
2	-	1	1	1	1	1	-	-	-	2	1	1	1	1	1	1	2	*	*
3	-	-	-	-	-	-	-	-	-	3	1	1	1	*	1	1	*	3	2
4	-	-	-	-	-	-	-	-	-	4	*	2	2	1	1	1	1	1	1
5	-	-	-	-	-	-	-	-	-	5	2	*	1	1	1	1	1	1	1
6	-	-	-	-	-	-	-	-	-	6	1	1	1	1	1	*	1	1	1
7	-	-	-	-	-	-	-	-	-	7	1	1	1	1	1	1	1	1	1
8	-	-	-	-	-	-	-	-	-	8	1	*	1	1	1	1	1	1	1
9	-	-	-	-	-	-	-	-	-	9	1	1	1	1	1	1	1	1	1

There are 9 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 2

Enter column: 5

	0	1	2	3	4	5	6	7	8	9
0	_	1			1	F	1			
1	_	1			1	1	1	1	2	2
2	_	1	1	1	1		1	_	_	_
3	_	_	_	_	1		1	_	_	_
4	_	_	_	_	1		1	_	_	_
5	_	_	_	_	1	1	1	_	_	_
6	_	_	_	_	_	_	_	_	_	_
7	_	_	_	_	_	_	_	_	_	_
8	_	_	_	_	_	_	_	_	_	_
9	_	_	_	_	_	_	_	_	_	_

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*
3	1	1	1	*	1		1	*	3	2
4	*	2	2	1	1		1	1	1	
5	2	*	1		1	1	1			
6	1	1	1		1	*	1			
7		1	1	1	1	1	1			
8		1	*	1						
9		1	1	1						

There are 9 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 2

Enter column: 7

	0	1	2	3	4	5	6	7	8	9
0	_	1			1	F	1			
1	_	1			1	1	1	1	2	2
2	_	1	1	1	1		1	2	_	_
3	_	_	_	_	1		1	_	_	_
4	_	_	_	_	1		1	_	_	_
5	_	_	_	_	1	1	1	_	_	_
6	_	_	_	_	_	_	_	_	_	_
7	_	_	_	_	_	_	_	_	_	_
8	_	_	_	_	_	_	_	_	_	_
9	_	_	_	_	_	_	_	_	_	_

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*
3	1	1	1	*	1		1	*	3	2
4	*	2	2	1	1		1	1	1	
5	2	*	1		1	1	1			
6	1	1	1		1	*	1			
7		1	1	1	1	1	1			
8		1	*	1						
9		1	1	1						

There are 9 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > f

Enter row: 2

Enter column: 8

	0	1	2	3	4	5	6	7	8	9
0	_	1			1	F	1			
1	_	1			1	1	1	1	2	2
2	_	1	1	1	1		1	2	F	_
3	_	_	_	_	1		1	_	_	_

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*
3	1	1	1	*	1		1	*	3	2

4	-	-	-	-	1		1		-	-	-		4	*	2	2	1	1		1	1	1
5	-	-	-	-	1	1	1		-	-	-		5	2	*	1		1	1	1		
6	-	-	-	-	-	-	-	-	-	-	-		6	1	1	1		1	*	1		
7	-	-	-	-	-	-	-	-	-	-	-		7		1	1	1	1	1	1		
8	-	-	-	-	-	-	-	-	-	-	-		8		1	*	1					
9	-	-	-	-	-	-	-	-	-	-	-		9		1	1	1					

There are 8 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > f

Enter row: 2

Enter column: 9

	0	1	2	3	4	5	6	7	8	9		0	1	2	3	4	5	6	7	8	9
0	-	1			1	F	1				0	1	1			1	*	1			
1	-	1			1	1	1	1	2	2	1	*	1			1	1	1	1	2	2
2	-	1	1	1	1		1	2	F	F	2	1	1	1	1	1		1	2	*	*
3	-	-	-	-	1		1		-	-	3	1	1	1	*	1		1	*	3	2
4	-	-	-	-	1		1		-	-	4	*	2	2	1	1		1	1	1	
5	-	-	-	-	1	1	1		-	-	5	2	*	1		1	1	1			
6	-	-	-	-	-	-	-	-	-	-	6	1	1	1		1	*	1			
7	-	-	-	-	-	-	-	-	-	-	7		1	1	1	1	1	1			
8	-	-	-	-	-	-	-	-	-	-	8		1	*	1						
9	-	-	-	-	-	-	-	-	-	-	9		1	1	1						

There are 7 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > f

Enter row: 2

Enter column: 7

	0	1	2	3	4	5	6	7	8	9		0	1	2	3	4	5	6	7	8	9
0	-	1			1	F	1				0	1	1			1	*	1			
1	-	1			1	1	1	1	2	2	1	*	1			1	1	1	1	2	2
2	-	1	1	1	1		1	2	F	F	2	1	1	1	1	1		1	2	*	*
3	-	-	-	-	1		1		-	-	3	1	1	1	*	1		1	*	3	2
4	-	-	-	-	1		1		-	-	4	*	2	2	1	1		1	1	1	
5	-	-	-	-	1	1	1		-	-	5	2	*	1		1	1	1			
6	-	-	-	-	-	-	-	-	-	-	6	1	1	1		1	*	1			
7	-	-	-	-	-	-	-	-	-	-	7		1	1	1	1	1	1			
8	-	-	-	-	-	-	-	-	-	-	8		1	*	1						
9	-	-	-	-	-	-	-	-	-	-	9		1	1	1						

There are 7 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > f

Enter row: 3
Enter column: 7

	0	1	2	3	4	5	6	7	8	9
0	_	1			1	F	1			
1	_	1			1	1	1	1	2	2
2	_	1	1	1	1		1	2	F	F
3	_	_	_	_	1		1	F	_	_
4	_	_	_	_	1		1	_	_	_
5	_	_	_	_	1	1	1	_	_	_
6	_	_	_	_	_	_	_	_	_	_
7	_	_	_	_	_	_	_	_	_	_
8	_	_	_	_	_	_	_	_	_	_
9	_	_	_	_	_	_	_	_	_	_

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*
3	1	1	1	*	1		1	*	3	2
4	*	2	2	1	1		1	1	1	
5	2	*	1		1	1	1			
6	1	1	1		1	*	1			
7		1	1	1	1	1	1			
8		1	*	1						
9		1	1	1						

There are 6 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 3

Enter column: 8

	0	1	2	3	4	5	6	7	8	9
0	_	1			1	F	1			
1	_	1			1	1	1	1	2	2
2	_	1	1	1	1		1	2	F	F
3	_	_	_	_	1		1	F	3	_
4	_	_	_	_	1		1	_	_	_
5	_	_	_	_	1	1	1	_	_	_
6	_	_	_	_	_	_	_	_	_	_
7	_	_	_	_	_	_	_	_	_	_
8	_	_	_	_	_	_	_	_	_	_
9	_	_	_	_	_	_	_	_	_	_

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*
3	1	1	1	*	1		1	*	3	2
4	*	2	2	1	1		1	1	1	
5	2	*	1		1	1	1			
6	1	1	1		1	*	1			
7		1	1	1	1	1	1			
8		1	*	1						
9		1	1	1						

There are 6 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 3

Enter column: 9

	0	1	2	3	4	5	6	7	8	9
0	_	1			1	F	1			
1	_	1			1	1	1	1	2	2
2	_	1	1	1	1		1	2	F	F
3	_	_	_	_	1		1	F	3	2
4	_	_	_	_	1		1	_	_	_

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*
3	1	1	1	*	1		1	*	3	2
4	*	2	2	1	1		1	1	1	

5	_	_	_	_	1	1	1	_	_	_	5	2	*	1	_	1	1	1
6	_	_	_	_	_	_	_	_	_	_	6	1	1	1	_	1	*	1
7	_	_	_	_	_	_	_	_	_	_	7	_	1	1	1	1	1	1
8	_	_	_	_	_	_	_	_	_	_	8	_	1	*	1			
9	_	_	_	_	_	_	_	_	_	_	9	_	1	1	1			

There are 6 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 4

Enter column: 7

	0	1	2	3	4	5	6	7	8	9		0	1	2	3	4	5	6	7	8	9
0	_	1			1	F	1				0	1	1			1	*	1			
1	_	1			1	1	1	1	2	2	1	*	1			1	1	1	1	2	2
2	_	1	1	1	1		1	2	F	F	2	1	1	1	1	1		1	2	*	*
3	_	_	_	_	1		1	F	3	2	3	1	1	1	*	1		1	*	3	2
4	_	_	_	_	1		1	1			4	*	2	2	1	1		1	1	1	
5	_	_	_	_	1	1	1				5	2	*	1		1	1	1			
6	_	_	_	_							6	1	1	1		1	*	1			
7	_	_	_	_							7	_	1	1	1	1	1	1			
8	_	_	_	_							8	_	1	*	1						
9	_	_	_	_							9	_	1	1	1						

There are 6 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 4

Enter column: 8

	0	1	2	3	4	5	6	7	8	9		0	1	2	3	4	5	6	7	8	9
0	_	1			1	F	1				0	1	1			1	*	1			
1	_	1			1	1	1	1	2	2	1	*	1			1	1	1	1	2	2
2	_	1	1	1	1		1	2	F	F	2	1	1	1	1	1		1	2	*	*
3	_	_	_	_	1		1	F	3	2	3	1	1	1	*	1		1	*	3	2
4	_	_	_	_	1		1	1	1		4	*	2	2	1	1		1	1	1	
5	_	_	_	_	1	1	1				5	2	*	1		1	1	1			
6	_	_	_	_							6	1	1	1		1	*	1			
7	_	_	_	_							7	_	1	1	1	1	1	1			
8	_	_	_	_							8	_	1	*	1						
9	_	_	_	_							9	_	1	1	1						

There are 6 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 4

Enter column: 9

	0	1	2	3	4	5	6	7	8	9
0	_	1			1	F	1			
1	_	1			1	1	1	1	2	2
2	_	1	1	1	1		1	2	F	F
3	_	_	_	_	1		1	F	3	2
4	_	_	_	_	1		1	1	1	
5	_	_	_	_	1	1	1			
6	_	_	_	_	_		1			
7	_	_	_	1	1	1	1			
8	_	_	_	1						
9	_	_	_	1						

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*
3	1	1	1	*	1		1	*	3	2
4	*	2	2	1	1		1	1	1	
5	2	*	1		1	1	1			
6	1	1	1		1	*	1			
7		1	1	1	1	1	1			
8		1	*	1						
9		1	1	1						

There are 6 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > f

Enter row: 6

Enter column: 5

	0	1	2	3	4	5	6	7	8	9
0	_	1			1	F	1			
1	_	1			1	1	1	1	2	2
2	_	1	1	1	1		1	2	F	F
3	_	_	_	_	1		1	F	3	2
4	_	_	_	_	1		1	1	1	
5	_	_	_	_	1	1	1			
6	_	_	_	_		F	1			
7	_	_	_	1	1	1	1			
8	_	_	_	1						
9	_	_	_	1						

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*
3	1	1	1	*	1		1	*	3	2
4	*	2	2	1	1		1	1	1	
5	2	*	1		1	1	1			
6	1	1	1		1	*	1			
7		1	1	1	1	1	1			
8		1	*	1						
9		1	1	1						

There are 5 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 6

Enter column: 4

	0	1	2	3	4	5	6	7	8	9
0	_	1			1	F	1			
1	_	1			1	1	1	1	2	2
2	_	1	1	1	1		1	2	F	F
3	_	_	_	_	1		1	F	3	2
4	_	_	_	_	1		1	1	1	
5	_	_	_	_	1	1	1			

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*
3	1	1	1	*	1		1	*	3	2
4	*	2	2	1	1		1	1	1	
5	2	*	1		1	1	1			

6	—	—	—	—	1	F	1			6	1	1	1		1	*	1
7	—	—	—	—	1	1	1	1		7		1	1	1	1	1	1
8	—	—	—	—	1					8		1	*	1			
9	—	—	—	—	1					9		1	1	1			

There are 5 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 6

Enter column: 3

	0	1	2	3	4	5	6	7	8	9		0	1	2	3	4	5	6	7	8	9
0	—	1			1	F	1				0	1	1			1	*	1			
1	—	1			1	1	1	1	2	2	1	*	1			1	1	1	1	2	2
2	—	1	1	1	1		1	2	F	F	2	1	1	1	1	1		1	2	*	*
3	—	—	—	—	1		1	F	3	2	3	1	1	1	*	1		1	*	3	2
4	—	—	2	1	1		1	1	1		4	*	2	2	1	1		1	1	1	
5	—	—	1		1	1	1				5	2	*	1		1	1	1			
6	—	—	1		1	F	1				6	1	1	1		1	*	1			
7	—	—	1	1	1	1	1				7		1	1	1	1	1	1			
8	—	—	—	1							8		1	*	1						
9				1							9		1	1	1						

There are 5 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 9

Enter column: 0

	0	1	2	3	4	5	6	7	8	9		0	1	2	3	4	5	6	7	8	9
0	—	1			1	F	1				0	1	1			1	*	1			
1	—	1			1	1	1	1	2	2	1	*	1			1	1	1	1	2	2
2	—	1	1	1	1		1	2	F	F	2	1	1	1	1	1		1	2	*	*
3	—	—	—	—	1		1	F	3	2	3	1	1	1	*	1		1	*	3	2
4	—	—	2	1	1		1	1	1		4	*	2	2	1	1		1	1	1	
5	—	—	1		1	1	1				5	2	*	1		1	1	1			
6	1	1	1		1	F	1				6	1	1	1		1	*	1			
7		1	1	1	1	1	1				7		1	1	1	1	1	1			
8		1	—	1							8		1	*	1						
9		1		1							9		1	1	1						

There are 5 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 5

Enter column: 0

	0	1	2	3	4	5	6	7	8	9
0	_	1			1	F	1			
1	_	1			1	1	1	1	2	2
2	_	1	1	1	1		1	2	F	F
3	_	_	_	_	1		1	F	3	2
4	_	_	2	1	1		1	1	1	
5	2	_	1		1	1	1			
6	1	1	1		1	F	1			
7		1	1	1	1	1	1			
8		1	_	1						
9		1	_	1						

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*
3	1	1	1	*	1		1	*	3	2
4	*	2	2	1	1		1	1	1	
5	2	*	1		1	1	1			
6	1	1	1		1	*	1			
7		1	1	1	1	1	1			
8		1	*	1						
9		1	1	1						

There are 5 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 4

Enter column: 1

	0	1	2	3	4	5	6	7	8	9
0	_	1			1	F	1			
1	_	1			1	1	1	1	2	2
2	_	1	1	1	1		1	2	F	F
3	_	_	_	_	1		1	F	3	2
4	_	2	2	1	1		1	1	1	
5	2	_	1		1	1	1			
6	1	1	1		1	F	1			
7		1	1	1	1	1	1			
8		1	_	1						
9		1	_	1						

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*
3	1	1	1	*	1		1	*	3	2
4	*	2	2	1	1		1	1	1	
5	2	*	1		1	1	1			
6	1	1	1		1	*	1			
7		1	1	1	1	1	1			
8		1	*	1						
9		1	1	1						

There are 5 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 3

Enter column: 0

	0	1	2	3	4	5	6	7	8	9
0	_	1			1	F	1			
1	_	1			1	1	1	1	2	2
2	_	1	1	1	1		1	2	F	F
3	1	_	_	_	1		1	F	3	2
4	_	2	2	1	1		1	1	1	
5	2	_	1		1	1	1			
6	1	1	1		1	F	1			

	0	1	2	3	4	5	6	7	8	9
0	1	1			1	*	1			
1	*	1			1	1	1	1	2	2
2	1	1	1	1	1		1	2	*	*
3	1	1	1	*	1		1	*	3	2
4	*	2	2	1	1		1	1	1	
5	2	*	1		1	1	1			
6	1	1	1		1	*	1			

7	1	1	1	1	1	1				7	1	1	1	1	1	1			
8	1	_	1							8	1	*	1						
9	1	_	1							9	1	1	1						

There are 5 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 3

Enter column: 1

0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9		
0	_	1			1	F	1			0	1	1			1	*	1				
1	_	1			1	1	1	1	2	2	1	*	1		1	1	1	1	2	2	
2	_	1	1	1	1		1	2	F	F	2	1	1	1	1	1		1	2	*	*
3	1	1	_	_	1		1	F	3	2	3	1	1	1	*	1		1	*	3	2
4	_	2	2	1	1		1	1	1		4	*	2	2	1	1		1	1	1	
5	2	_	1		1	1	1				5	2	*	1		1	1	1			
6	1	1	1		1	F	1				6	1	1	1		1	*	1			
7	1	1	1	1	1	1	1				7	1	1	1	1	1	1	1			
8	1	_	1								8	1	*	1							
9	1	_	1								9	1	1	1							

There are 5 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 3

Enter column: 2

0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9		
0	_	1			1	F	1			0	1	1			1	*	1				
1	_	1			1	1	1	1	2	2	1	*	1		1	1	1	1	2	2	
2	_	1	1	1	1		1	2	F	F	2	1	1	1	1	1		1	2	*	*
3	1	1	1	_	1		1	F	3	2	3	1	1	1	*	1		1	*	3	2
4	_	2	2	1	1		1	1	1		4	*	2	2	1	1		1	1	1	
5	2	_	1		1	1	1				5	2	*	1		1	1	1			
6	1	1	1		1	F	1				6	1	1	1		1	*	1			
7	1	1	1	1	1	1	1				7	1	1	1	1	1	1	1			
8	1	_	1								8	1	*	1							
9	1	_	1								9	1	1	1							

There are 5 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 2

Enter column: 0

8 1 _ 1
9 1 1 1

8 1 * 1
9 1 1 1

There are 5 mines left.

You win!!!

Want to play again? (Enter 'y' or 'n')

y

```
  /\  \  _
 /      \| | | ' _ \| / _ \| / _ \| / _ \| / _ \| / _ \|
/  /\  \ \| | | | _ \| / _ \| v  v / _ \| / _ \| | ) | _ \|
\ /      \| _ \| | | \| _ \| / _ \| / _ \| / _ \| . _ \| / _ \|
                                     | _ |
```

	0	1	2	3	4	5	6	7	8	9
0	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-

	0	1	2	3	4	5	6	7	8	9
0								1	*	*
1			1	2	2	1		2	3	3
2			1	*	*	2	1	2	*	2
3			1	2	2	2	*	2	2	*
4						1	1	1	1	1
5	1	1	1							
6	1	*	1	1	1	1				
7	1	1	1	1	1	*	2	1		
8				1	2	*	1			
9					1	1	1			

There are 10 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 0

Enter column: 0

	0	1	2	3	4	5	6	7	8	9
0								1	-	-
1			1	2	2	1		2	-	-
2			1	-	-	2	1	2	-	-
3			1	2	2	2	-	-	-	-
4						1	1	1	1	1
5	1	1	1							
6	-	-	1	1	1	1				
7	-	-	-	-	-	2	1			
8	-	-	-	-	-	-	1			
9	-	-	-	-	-	-	1			

	0	1	2	3	4	5	6	7	8	9
0								1	*	*
1			1	2	2	1		2	3	3
2			1	*	*	2	1	2	*	2
3			1	2	2	2	*	2	2	*
4						1	1	1	1	1
5	1	1	1							
6	1	*	1	1	1	1				
7	1	1	1	1	1	*	2	1		
8				1	2	*	1			
9					1	1	1			

There are 10 mines left.

Would you like to flag a cell or reveal a cell?

Enter 'f' or 'r' > r

Enter row: 2

Enter column: 3

	0	1	2	3	4	5	6	7	8	9
0								1	-	-
1			1	2	2	1		2	-	-
2			1	*	-	2	1	2	-	-
3			1	2	2	2	-	-	-	-
4						1	1	1	1	1
5	1	1	1	1						
6	-	-	1	1	1	1				
7	-	-	-	-	-	2	1			
8	-	-	-	-	-	-	1			
9	-	-	-	-	-	-	1			

	0	1	2	3	4	5	6	7	8	9
0								1	*	*
1			1	2	2	1		2	3	3
2			1	*	*	2	1	2	*	2
3			1	2	2	2	*	2	2	*
4							1	1	1	1
5	1	1	1	1						
6	1	*	1	1	1	1				
7	1	1	1	1	1	*	2	1		
8				1	2	*	1			
9					1	1	1			

There are 10 mines left.

Sorry, you lose :(

Want to play again? (Enter 'y' or 'n')

n

Goodbye. Thanks for playing!