



Solve each problem.

6	7	11	3	4	8	5	10	9	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

6	3	7	10	2	11	4	8	9	5
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

3	7	6	8	2	10	9	5	11	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

7	11	6	10	5	4	8	3	2	9
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

11	6	7	2	3	5	4	8	10	9
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

7	4	9	3	10	6	5	11	2	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

8	9	6	5	3	11	7	2	4	10
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

6	10	11	5	9	7	2	8	3	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

8	3	11	6	10	4	9	2	7	5
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

8	7	6	5	9	11	2	3	4	10
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

Solve each problem.

6	7	11	3	4	8	5	10	9	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
5	6	10	2	3	7	4	9	8	1

6	3	7	10	2	11	4	8	9	5
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
5	2	6	9	1	10	3	7	8	4

3	7	6	8	2	10	9	5	11	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
2	6	5	7	1	9	8	4	10	3

7	11	6	10	5	4	8	3	2	9
<u>- 1</u>	<u>- 1</u>	<u>- 1</u>	<u>- 1</u>	<u>- 1</u>	<u>- 1</u>	<u>- 1</u>	<u>- 1</u>	<u>- 1</u>	<u>- 1</u>
6	10	5	9	4	3	7	2	1	8

11	6	7	2	3	5	4	8	10	9
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
<u>10</u>	<u>5</u>	<u>6</u>	<u>1</u>	<u>2</u>	<u>4</u>	<u>3</u>	<u>7</u>	<u>9</u>	<u>8</u>

7	4	9	3	10	6	5	11	2	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
6	3	8	2	9	5	4	10	1	7

8	9	6	5	3	11	7	2	4	10
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
7	8	5	4	2	10	6	1	3	9

6	10	11	5	9	7	2	8	3	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
5	9	10	4	8	6	1	7	2	3

8	3	11	6	10	4	9	2	7	5
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
7	2	10	5	9	3	8	1	6	4

8	7	6	5	9	11	2	3	4	10
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
7	6	5	4	8	10	1	2	3	9



Solve each problem.

9	3	5	4	6	10	2	7	11	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

5	2	10	7	11	9	6	4	3	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

7	5	9	2	4	10	11	6	8	3
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

7	5	11	2	3	10	9	8	4	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

9	11	5	7	10	6	2	4	3	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

11	6	5	4	9	3	7	10	8	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

8	9	10	11	5	4	7	3	2	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

4	2	10	7	5	9	6	3	8	11
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

8	5	10	2	9	3	6	4	7	11
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

10	8	6	9	4	2	11	3	5	7
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1



Solve each problem.

9	3	5	4	6	10	2	7	11	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
8	2	4	3	5	9	1	6	10	7

5	2	10	7	11	9	6	4	3	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
4	1	9	6	10	8	5	3	2	7

7	5	9	2	4	10	11	6	8	3
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
6	4	8	1	3	9	10	5	7	2

7	5	11	2	3	10	9	8	4	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
6	4	10	1	2	9	8	7	3	5

9	11	5	7	10	6	2	4	3	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
8	10	4	6	9	5	1	3	2	7

11	6	5	4	9	3	7	10	8	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
10	5	4	3	8	2	6	9	7	1

8	9	10	11	5	4	7	3	2	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
7	8	9	10	4	3	6	2	1	5

4	2	10	7	5	9	6	3	8	11
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
3	1	9	6	4	8	5	2	7	10

8	5	10	2	9	3	6	4	7	11
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
7	4	9	1	8	2	5	3	6	10

10	8	6	9	4	2	11	3	5	7
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
9	7	5	8	3	1	10	2	4	6



Solve each problem.

4	11	10	2	7	9	6	8	5	3
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

4	3	10	9	7	6	2	8	5	11
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

9	10	3	11	8	7	4	6	5	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

4	10	3	11	6	8	9	2	5	7
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

3	6	11	5	4	2	10	9	7	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

2	8	6	11	5	10	4	7	9	3
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

5	3	4	9	2	6	11	8	10	7
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

8	6	11	10	9	3	2	5	4	7
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

6	11	10	3	7	8	9	4	5	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

11	10	6	5	2	9	4	8	3	7
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1



Solve each problem.

4	11	10	2	7	9	6	8	5	3
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
3	10	9	1	6	8	5	7	4	2

4	3	10	9	7	6	2	8	5	11
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
3	2	9	8	6	5	1	7	4	10

9	10	3	11	8	7	4	6	5	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
8	9	2	10	7	6	3	5	4	1

4	10	3	11	6	8	9	2	5	7
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
3	9	2	10	5	7	8	1	4	6

3	6	11	5	4	2	10	9	7	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
2	5	10	4	3	1	9	8	6	7

2	8	6	11	5	10	4	7	9	3
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
1	7	5	10	4	9	3	6	8	2

5	3	4	9	2	6	11	8	10	7
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
4	2	3	8	1	5	10	7	9	6

8	6	11	10	9	3	2	5	4	7
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
7	5	10	9	8	2	1	4	3	6

6	11	10	3	7	8	9	4	5	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
5	10	9	2	6	7	8	3	4	1

11	10	6	5	2	9	4	8	3	7
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
10	9	5	4	1	8	3	7	2	6

Solve each problem.

6 - 1 5	3 - 1 2	2 - 1 1	10 - 1 9	7 - 1 6	11 - 1 10	4 - 1 3	8 - 1 7	5 - 1 4	9 - 1 8
3 - 1 2	4 - 1 3	11 - 1 10	9 - 1 8	8 - 1 7	2 - 1 1	6 - 1 5	10 - 1 9	7 - 1 6	5 - 1 4
4 - 1 3	5 - 1 4	8 - 1 7	11 - 1 10	7 - 1 6	10 - 1 9	9 - 1 8	2 - 1 1	6 - 1 5	3 - 1 2
8 - 1 7	4 - 1 3	2 - 1 1	3 - 1 2	6 - 1 5	7 - 1 6	9 - 1 8	10 - 1 9	11 - 1 10	5 - 1 4
7 - 1 6	10 - 1 9	2 - 1 1	3 - 1 2	4 - 1 3	8 - 1 7	6 - 1 5	9 - 1 8	11 - 1 10	5 - 1 4
5 - 1 4	11 - 1 10	3 - 1 2	8 - 1 7	2 - 1 1	6 - 1 5	7 - 1 6	10 - 1 9	9 - 1 8	4 - 1 3
10 - 1 9	2 - 1 1	6 - 1 5	9 - 1 8	11 - 1 10	3 - 1 2	5 - 1 4	4 - 1 3	7 - 1 6	8 - 1 7
2 - 1 1	7 - 1 6	9 - 1 8	8 - 1 7	6 - 1 5	10 - 1 9	4 - 1 3	11 - 1 10	3 - 1 2	5 - 1 4
7 - 1 6	4 - 1 3	11 - 1 10	5 - 1 4	10 - 1 9	3 - 1 2	8 - 1 7	2 - 1 1	9 - 1 8	6 - 1 5
4 - 1 3	2 - 1 1	3 - 1 2	11 - 1 10	9 - 1 8	6 - 1 5	8 - 1 7	7 - 1 6	5 - 1 4	10 - 1 9



Solve each problem.

11	4	2	6	5	7	3	9	10	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

10	3	2	11	5	9	7	8	6	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

6	8	5	3	9	2	7	10	11	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

6	10	9	8	7	2	3	5	4	11
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

9	3	10	2	6	8	11	7	5	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

8	4	9	6	11	2	5	3	7	10
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

8	5	11	4	3	10	6	7	9	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

10	4	6	2	7	3	11	8	5	9
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

8	11	9	5	2	10	4	3	7	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

6	7	3	5	11	2	10	9	8	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

Solve each problem.

11	4	2	6	5	7	3	9	10	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
10	3	1	5	4	6	2	8	9	7

10	3	2	11	5	9	7	8	6	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
9	2	1	10	4	8	6	7	5	3

6	8	5	3	9	2	7	10	11	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
5	7	4	2	8	1	6	9	10	3

6	10	9	8	7	2	3	5	4	11
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
5	9	8	7	6	1	2	4	3	10

9	3	10	2	6	8	11	7	5	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
8	2	9	1	5	7	10	6	4	3

8	4	9	6	11	2	5	3	7	10
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
7	3	8	5	10	1	4	2	6	9

8	5	11	4	3	10	6	7	9	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
7	4	10	3	2	9	5	6	8	1

10	4	6	2	7	3	11	8	5	9
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
9	3	5	1	6	2	10	7	4	8

8	11	9	5	2	10	4	3	7	6
$\frac{-1}{7}$	$\frac{-1}{10}$	$\frac{-1}{8}$	$\frac{-1}{4}$	$\frac{-1}{1}$	$\frac{-1}{9}$	$\frac{-1}{3}$	$\frac{-1}{2}$	$\frac{-1}{6}$	$\frac{-1}{5}$

6	7	3	5	11	2	10	9	8	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
5	6	2	4	10	1	9	8	7	3



Solve each problem.

7	10	9	5	8	4	2	3	11	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

2	5	11	4	8	3	7	9	10	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

10	8	5	9	6	2	7	11	3	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

10	6	3	11	7	8	5	4	2	9
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

7	11	4	8	6	9	3	10	5	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

9	4	2	5	11	10	8	7	6	3
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

7	6	3	9	4	10	8	2	5	11
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

6	8	4	9	3	5	11	7	2	10
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

5	2	7	3	4	9	6	11	10	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

7	9	8	5	11	3	6	4	2	10
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

Solve each problem.

$$\begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 10 \\ - 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ - 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 11 \\ - 1 \\ \hline 10 \end{array} \quad \begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array}$$

2	5	11	4	8	3	7	9	10	6
$\frac{-1}{1}$	$\frac{-1}{4}$	$\frac{-1}{10}$	$\frac{-1}{3}$	$\frac{-1}{7}$	$\frac{-1}{2}$	$\frac{-1}{6}$	$\frac{-1}{8}$	$\frac{-1}{9}$	$\frac{-1}{5}$

10	8	5	9	6	2	7	11	3	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
9	7	4	8	5	1	6	10	2	3

10	6	3	11	7	8	5	4	2	9
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
9	5	2	10	6	7	4	3	1	8

7	11	4	8	6	9	3	10	5	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
6	10	3	7	5	8	2	9	4	1

9	4	2	5	11	10	8	7	6	3
$\begin{array}{r} 9 \\ - 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$	$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$	$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$	$\begin{array}{r} 11 \\ - 1 \\ \hline 10 \end{array}$	$\begin{array}{r} 10 \\ - 1 \\ \hline 9 \end{array}$	$\begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array}$	$\begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array}$	$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$
8	3	1	4	10	9	7	6	5	2

7	6	3	9	4	10	8	2	5	11
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
6	5	2	8	3	9	7	1	4	10

6	8	4	9	3	5	11	7	2	10
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
5	7	3	8	2	4	10	6	1	9

5	2	7	3	4	9	6	11	10	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
4	1	6	2	3	8	5	10	9	7

7	9	8	5	11	3	6	4	2	10
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
6	8	7	4	10	2	5	3	1	9



Solve each problem.

2	5	10	9	4	6	8	11	7	3
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

7	11	10	2	9	8	3	5	6	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

3	9	4	8	7	6	5	10	11	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

6	3	11	7	2	5	9	8	10	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

3	5	9	11	7	10	2	8	4	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

10	7	4	6	5	2	3	9	8	11
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

3	4	10	7	9	6	11	2	8	5
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

4	9	3	2	8	5	11	6	7	10
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

9	10	4	11	6	5	3	7	8	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

5	3	7	4	6	9	2	10	8	11
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

Solve each problem.

2	5	10	9	4	6	8	11	7	3
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
1	4	9	8	3	5	7	10	6	2

$$\begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 11 \\ - 1 \\ \hline 10 \end{array} \quad \begin{array}{r} 10 \\ - 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array} \quad \begin{array}{r} 9 \\ - 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array} \quad \begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$

3	9	4	8	7	6	5	10	11	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
2	8	3	7	6	5	4	9	10	1

6	3	11	7	2	5	9	8	10	4
$\frac{-1}{5}$	$\frac{-1}{2}$	$\frac{-1}{10}$	$\frac{-1}{6}$	$\frac{-1}{1}$	$\frac{-1}{4}$	$\frac{-1}{8}$	$\frac{-1}{7}$	$\frac{-1}{9}$	$\frac{-1}{3}$

3	5	9	11	7	10	2	8	4	6
$\frac{-1}{2}$	$\frac{-1}{4}$	$\frac{-1}{8}$	$\frac{-1}{10}$	$\frac{-1}{6}$	$\frac{-1}{9}$	$\frac{-1}{1}$	$\frac{-1}{7}$	$\frac{-1}{3}$	$\frac{-1}{5}$

10	7	4	6	5	2	3	9	8	11
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
9	6	3	5	4	1	2	8	7	10

3	4	10	7	9	6	11	2	8	5
$\frac{-1}{2}$	$\frac{-1}{3}$	$\frac{-1}{9}$	$\frac{-1}{6}$	$\frac{-1}{8}$	$\frac{-1}{5}$	$\frac{-1}{10}$	$\frac{-1}{1}$	$\frac{-1}{7}$	$\frac{-1}{4}$

4	9	3	2	8	5	11	6	7	10
$\frac{-1}{3}$	$\frac{-1}{8}$	$\frac{-1}{2}$	$\frac{-1}{1}$	$\frac{-1}{7}$	$\frac{-1}{4}$	$\frac{-1}{10}$	$\frac{-1}{5}$	$\frac{-1}{6}$	$\frac{-1}{9}$

9	10	4	11	6	5	3	7	8	2
$\frac{-1}{8}$	$\frac{-1}{9}$	$\frac{-1}{3}$	$\frac{-1}{10}$	$\frac{-1}{5}$	$\frac{-1}{4}$	$\frac{-1}{2}$	$\frac{-1}{6}$	$\frac{-1}{7}$	$\frac{-1}{1}$

5	3	7	4	6	9	2	10	8	11
$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$	$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$	$\begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array}$	$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$	$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array}$	$\begin{array}{r} 9 \\ - 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$	$\begin{array}{r} 10 \\ - 1 \\ \hline 9 \end{array}$	$\begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array}$	$\begin{array}{r} 11 \\ - 1 \\ \hline 10 \end{array}$



Solve each problem.

2	3	6	5	11	9	8	10	7	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

5	3	10	7	6	11	4	2	8	9
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

2	5	4	6	8	3	11	10	7	9
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

3	6	4	5	11	9	7	8	10	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

5	6	4	2	9	7	10	11	3	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

3	8	4	6	2	7	10	5	11	9
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

8	11	7	10	4	5	6	2	9	3
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

11	4	5	9	3	2	7	8	10	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

10	5	3	6	7	4	9	11	8	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

6	9	4	2	7	3	10	8	11	5
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

Solve each problem.

$$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 11 \\ - 1 \\ \hline 10 \end{array} \quad \begin{array}{r} 9 \\ - 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 10 \\ - 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$$

5	3	10	7	6	11	4	2	8	9
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
4	2	9	6	5	10	3	1	7	8

2	5	4	6	8	3	11	10	7	9
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
1	4	3	5	7	2	10	9	6	8

3	6	4	5	11	9	7	8	10	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
2	5	3	4	10	8	6	7	9	1

5	6	4	2	9	7	10	11	3	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
4	5	3	1	8	6	9	10	2	7

3	8	4	6	2	7	10	5	11	9
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
2	7	3	5	1	6	9	4	10	8

8	11	7	10	4	5	6	2	9	3
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
7	10	6	9	3	4	5	1	8	2

11	4	5	9	3	2	7	8	10	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
10	3	4	8	2	1	6	7	9	5

$$\begin{array}{r} 10 \\ - 1 \\ \hline 9 \end{array} \quad \begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array} \quad \begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array} \quad \begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array} \quad \begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array} \quad \begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 9 \\ - 1 \\ \hline 8 \end{array} \quad \begin{array}{r} 11 \\ - 1 \\ \hline 10 \end{array} \quad \begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array} \quad \begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$$

6	9	4	2	7	3	10	8	11	5
$\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ - 1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$
5	8	3	1	6	2	9	7	10	4



Solve each problem.

6	7	4	2	10	3	11	9	5	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

10	2	9	4	3	8	11	7	5	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

3	6	9	2	10	5	8	7	11	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

4	3	11	9	6	7	5	2	10	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

3	5	11	7	8	6	4	10	2	9
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

9	10	6	8	11	7	5	4	2	3
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

3	8	10	2	4	9	5	11	6	7
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

6	7	10	3	2	8	5	9	11	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

3	8	5	2	9	7	11	4	6	10
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

10	9	8	5	7	4	11	3	2	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

Solve each problem.

6	7	4	2	10	3	11	9	5	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
5	6	3	1	9	2	10	8	4	7

10	2	9	4	3	8	11	7	5	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
9	1	8	3	2	7	10	6	4	5

3	6	9	2	10	5	8	7	11	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
2	5	8	1	9	4	7	6	10	3

4	3	11	9	6	7	5	2	10	8
<u>- 1</u>	<u>- 1</u>	<u>- 1</u>	<u>- 1</u>	<u>- 1</u>	<u>- 1</u>	<u>- 1</u>	<u>- 1</u>	<u>- 1</u>	<u>- 1</u>
3	2	10	8	5	6	4	1	9	7

3	5	11	7	8	6	4	10	2	9
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
2	4	10	6	7	5	3	9	1	8

9	10	6	8	11	7	5	4	2	3
$\begin{array}{r} 9 \\ - 1 \\ \hline 8 \end{array}$	$\begin{array}{r} 10 \\ - 1 \\ \hline 9 \end{array}$	$\begin{array}{r} 6 \\ - 1 \\ \hline 5 \end{array}$	$\begin{array}{r} 8 \\ - 1 \\ \hline 7 \end{array}$	$\begin{array}{r} 11 \\ - 1 \\ \hline 10 \end{array}$	$\begin{array}{r} 7 \\ - 1 \\ \hline 6 \end{array}$	$\begin{array}{r} 5 \\ - 1 \\ \hline 4 \end{array}$	$\begin{array}{r} 4 \\ - 1 \\ \hline 3 \end{array}$	$\begin{array}{r} 2 \\ - 1 \\ \hline 1 \end{array}$	$\begin{array}{r} 3 \\ - 1 \\ \hline 2 \end{array}$

3	8	10	2	4	9	5	11	6	7
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
2	7	9	1	3	8	4	10	5	6

6	7	10	3	2	8	5	9	11	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
5	6	9	2	1	7	4	8	10	3

3	8	5	2	9	7	11	4	6	10
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
2	7	4	1	8	6	10	3	5	9

10	9	8	5	7	4	11	3	2	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
<u>9</u>	<u>8</u>	<u>7</u>	<u>4</u>	<u>6</u>	<u>3</u>	<u>10</u>	<u>2</u>	<u>1</u>	<u>5</u>



Solve each problem.

2	10	6	11	8	5	9	4	3	7
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

5	4	10	9	7	8	3	2	11	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

9	3	10	11	2	8	6	5	7	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

3	8	9	6	2	7	10	11	5	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

9	4	8	10	3	5	11	6	7	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

8	5	10	2	7	11	9	3	6	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

11	7	3	8	10	9	5	4	2	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

7	3	11	6	10	4	2	9	5	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

6	2	4	5	11	8	10	3	9	7
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

4	6	7	9	8	3	10	11	2	5
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1

Solve each problem.

2	10	6	11	8	5	9	4	3	7
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
1	9	5	10	7	4	8	3	2	6
5	4	10	9	7	8	3	2	11	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
4	3	9	8	6	7	2	1	10	5
9	3	10	11	2	8	6	5	7	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
8	2	9	10	1	7	5	4	6	3
3	8	9	6	2	7	10	11	5	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
2	7	8	5	1	6	9	10	4	3
9	4	8	10	3	5	11	6	7	2
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
8	3	7	9	2	4	10	5	6	1
8	5	10	2	7	11	9	3	6	4
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
7	4	9	1	6	10	8	2	5	3
11	7	3	8	10	9	5	4	2	6
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
10	6	2	7	9	8	4	3	1	5
7	3	11	6	10	4	2	9	5	8
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
6	2	10	5	9	3	1	8	4	7
6	2	4	5	11	8	10	3	9	7
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
5	1	3	4	10	7	9	2	8	6
4	6	7	9	8	3	10	11	2	5
- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1	- 1
3	5	6	8	7	2	9	10	1	4