

# Input/Output Tables (A)

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 6	Output
12		
7		
13		
14		
11		

	Rule	
Input	- 2	Output
9		
8		
5		
3		
10		

	Rule	
Input	- 7	Output
11		
14		
15		
10		
12		

	Rule	
Input	- 9	Output
17		
16		
11		
10		
18		

	Rule	
Input	- 4	Output
11		
10		
8		
6		
13		

	Rule	
Input	- 7	Output
12		
16		
15		
9		
8		

# Input/Output Tables (A) Answers

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 6	Output
12		6
7		1
13		7
14		8
11		5

	Rule	
Input	- 2	Output
9		7
8		6
5		3
3		1
10		8

	Rule	
Input	- 7	Output
11		4
14		7
15		8
10		3
12		5

	Rule	
Input	- 9	Output
17		8
16		7
11		2
10		1
18		9

	Rule	
Input	- 4	Output
11		7
10		6
8		4
6		2
13		9

	Rule	
Input	- 7	Output
12		5
16		9
15		8
9		2
8		1

# Input/Output Tables (B)

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 9	Output
17		
13		
16		
11		
14		

	Rule	
Input	- 6	Output
13		
9		
14		
12		
11		

	Rule	
Input	- 5	Output
8		
9		
10		
14		
6		

	Rule	
Input	- 6	Output
12		
8		
14		
9		
10		

	Rule	
Input	- 1	Output
5		
6		
9		
4		
10		

	Rule	
Input	- 5	Output
13		
10		
6		
8		
12		

# Input/Output Tables (B) Answers

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 9	Output
17		8
13		4
16		7
11		2
14		5

	Rule	
Input	- 6	Output
13		7
9		3
14		8
12		6
11		5

	Rule	
Input	- 5	Output
8		3
9		4
10		5
14		9
6		1

	Rule	
Input	- 6	Output
12		6
8		2
14		8
9		3
10		4

	Rule	
Input	- 1	Output
5		4
6		5
9		8
4		3
10		9

	Rule	
Input	- 5	Output
13		8
10		5
6		1
8		3
12		7

# Input/Output Tables (C)

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 7	Output
14		
9		
13		
16		
15		

	Rule	
Input	- 3	Output
12		
8		
6		
7		
11		

	Rule	
Input	- 2	Output
7		
4		
6		
8		
11		

	Rule	
Input	- 1	Output
3		
2		
10		
6		
8		

	Rule	
Input	- 5	Output
14		
9		
13		
8		
12		

	Rule	
Input	- 6	Output
9		
8		
11		
10		
14		

# Input/Output Tables (C) Answers

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 7	Output
14		7
9		2
13		6
16		9
15		8

	Rule	
Input	- 3	Output
12		9
8		5
6		3
7		4
11		8

	Rule	
Input	- 2	Output
7		5
4		2
6		4
8		6
11		9

	Rule	
Input	- 1	Output
3		2
2		1
10		9
6		5
8		7

	Rule	
Input	- 5	Output
14		9
9		4
13		8
8		3
12		7

	Rule	
Input	- 6	Output
9		3
8		2
11		5
10		4
14		8

# Input/Output Tables (D)

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 8	Output
16		
9		
12		
10		
13		

	Rule	
Input	- 5	Output
7		
6		
8		
11		
12		

	Rule	
Input	- 7	Output
11		
14		
15		
12		
9		

	Rule	
Input	- 7	Output
12		
13		
11		
16		
10		

	Rule	
Input	- 7	Output
8		
9		
15		
12		
10		

	Rule	
Input	- 8	Output
14		
9		
10		
16		
15		

# Input/Output Tables (D) Answers

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 8	Output
16		8
9		1
12		4
10		2
13		5

	Rule	
Input	- 5	Output
7		2
6		1
8		3
11		6
12		7

	Rule	
Input	- 7	Output
11		4
14		7
15		8
12		5
9		2

	Rule	
Input	- 7	Output
12		5
13		6
11		4
16		9
10		3

	Rule	
Input	- 7	Output
8		1
9		2
15		8
12		5
10		3

	Rule	
Input	- 8	Output
14		6
9		1
10		2
16		8
15		7



# Input/Output Tables (E)

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 2	Output
4		
5		
6		
11		
10		

	Rule	
Input	- 9	Output
13		
11		
16		
15		
18		

	Rule	
Input	- 6	Output
13		
7		
8		
12		
14		

	Rule	
Input	- 9	Output
15		
17		
10		
14		
12		

	Rule	
Input	- 8	Output
11		
14		
9		
16		
15		

	Rule	
Input	- 1	Output
7		
9		
4		
6		
8		

# Input/Output Tables (E) Answers

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 2	Output
4		2
5		3
6		4
11		9
10		8

	Rule	
Input	- 9	Output
13		4
11		2
16		7
15		6
18		9

	Rule	
Input	- 6	Output
13		7
7		1
8		2
12		6
14		8

	Rule	
Input	- 9	Output
15		6
17		8
10		1
14		5
12		3

	Rule	
Input	- 8	Output
11		3
14		6
9		1
16		8
15		7

	Rule	
Input	- 1	Output
7		6
9		8
4		3
6		5
8		7

# Input/Output Tables (F)

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 7	Output
11		
15		
13		
9		
16		

	Rule	
Input	- 5	Output
13		
11		
12		
7		
6		

	Rule	
Input	- 6	Output
12		
11		
14		
9		
13		

	Rule	
Input	- 5	Output
12		
11		
7		
10		
8		

	Rule	
Input	- 1	Output
5		
10		
6		
4		
7		

	Rule	
Input	- 2	Output
5		
6		
8		
4		
9		

# Input/Output Tables (F) Answers

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 7	Output
11		4
15		8
13		6
9		2
16		9

	Rule	
Input	- 5	Output
13		8
11		6
12		7
7		2
6		1

	Rule	
Input	- 6	Output
12		6
11		5
14		8
9		3
13		7

	Rule	
Input	- 5	Output
12		7
11		6
7		2
10		5
8		3

	Rule	
Input	- 1	Output
5		4
10		9
6		5
4		3
7		6

	Rule	
Input	- 2	Output
5		3
6		4
8		6
4		2
9		7

# Input/Output Tables (G)

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 4	Output
6		
13		
8		
9		
5		

	Rule	
Input	- 7	Output
13		
14		
10		
11		
9		

	Rule	
Input	- 8	Output
9		
13		
15		
10		
17		

	Rule	
Input	- 1	Output
4		
5		
7		
6		
9		

	Rule	
Input	- 6	Output
10		
15		
7		
11		
13		

	Rule	
Input	- 7	Output
8		
16		
9		
11		
14		

# Input/Output Tables (G) Answers

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 4	Output
6		2
13		9
8		4
9		5
5		1

	Rule	
Input	- 7	Output
13		6
14		7
10		3
11		4
9		2

	Rule	
Input	- 8	Output
9		1
13		5
15		7
10		2
17		9

	Rule	
Input	- 1	Output
4		3
5		4
7		6
6		5
9		8

	Rule	
Input	- 6	Output
10		4
15		9
7		1
11		5
13		7

	Rule	
Input	- 7	Output
8		1
16		9
9		2
11		4
14		7

# Input/Output Tables (H)

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 2	Output
4		
5		
6		
11		
10		

	Rule	
Input	- 2	Output
8		
7		
10		
6		
4		

	Rule	
Input	- 4	Output
5		
7		
11		
6		
8		

	Rule	
Input	- 5	Output
6		
14		
7		
12		
13		

	Rule	
Input	- 1	Output
10		
8		
5		
9		
2		

	Rule	
Input	- 5	Output
12		
11		
13		
10		
6		

# Input/Output Tables (H) Answers

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 2	Output
4		2
5		3
6		4
11		9
10		8

	Rule	
Input	- 2	Output
8		6
7		5
10		8
6		4
4		2

	Rule	
Input	- 4	Output
5		1
7		3
11		7
6		2
8		4

	Rule	
Input	- 5	Output
6		1
14		9
7		2
12		7
13		8

	Rule	
Input	- 1	Output
10		9
8		7
5		4
9		8
2		1

	Rule	
Input	- 5	Output
12		7
11		6
13		8
10		5
6		1



# Input/Output Tables (I)

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 9	Output
11		
13		
16		
14		
12		

	Rule	
Input	- 5	Output
8		
13		
12		
6		
10		

	Rule	
Input	- 9	Output
13		
14		
15		
16		
17		

	Rule	
Input	- 6	Output
11		
8		
13		
15		
7		

	Rule	
Input	- 8	Output
13		
11		
16		
9		
15		

	Rule	
Input	- 5	Output
7		
9		
6		
12		
8		

# Input/Output Tables (I) Answers

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 9	Output
11		2
13		4
16		7
14		5
12		3

	Rule	
Input	- 5	Output
8		3
13		8
12		7
6		1
10		5

	Rule	
Input	- 9	Output
13		4
14		5
15		6
16		7
17		8

	Rule	
Input	- 6	Output
11		5
8		2
13		7
15		9
7		1

	Rule	
Input	- 8	Output
13		5
11		3
16		8
9		1
15		7

	Rule	
Input	- 5	Output
7		2
9		4
6		1
12		7
8		3

# Input/Output Tables (J)

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 5	Output
11		
9		
7		
10		
13		

	Rule	
Input	- 3	Output
8		
12		
4		
6		
11		

	Rule	
Input	- 6	Output
12		
13		
9		
14		
10		

	Rule	
Input	- 3	Output
6		
12		
5		
8		
11		

	Rule	
Input	- 4	Output
6		
5		
11		
8		
12		

	Rule	
Input	- 9	Output
14		
12		
11		
15		
17		

# Input/Output Tables (J) Answers

Fill in the blanks. Use the middle column to show your work.

	Rule	
Input	- 5	Output
11		6
9		4
7		2
10		5
13		8

	Rule	
Input	- 3	Output
8		5
12		9
4		1
6		3
11		8

	Rule	
Input	- 6	Output
12		6
13		7
9		3
14		8
10		4

	Rule	
Input	- 3	Output
6		3
12		9
5		2
8		5
11		8

	Rule	
Input	- 4	Output
6		2
5		1
11		7
8		4
12		8

	Rule	
Input	- 9	Output
14		5
12		3
11		2
15		6
17		8