

Input/Output Tables (A)

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

	Rule	
Input	+ 1	Output
5		
7		
8		
2		
9		

	Rule	
Input	- 1	Output
8		
2		
4		
5		
7		

	Rule	
Input	+ 7	Output
3		
8		
5		
4		
2		

	Rule	
Input	- 1	Output
7		
3		
9		
6		
4		

	Rule	
Input	+ 7	Output
3		
4		
8		
6		
9		

	Rule	
Input	- 6	Output
9		
7		
15		
11		
10		

Input/Output Tables (A) Answers

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

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

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

	Rule	
Input	+ 7	Output
3		10
8		15
5		12
4		11
2		9

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

	Rule	
Input	+ 7	Output
3		10
4		11
8		15
6		13
9		16

	Rule	
Input	- 6	Output
9		3
7		1
15		9
11		5
10		4

Input/Output Tables (B)

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

	Rule	
Input	+ 3	Output
2		
4		
3		
1		
7		

	Rule	
Input	- 4	Output
9		
6		
10		
11		
12		

	Rule	
Input	+ 1	Output
6		
7		
5		
3		
2		

	Rule	
Input	- 8	Output
15		
12		
11		
10		
16		

	Rule	
Input	+ 6	Output
2		
5		
8		
4		
7		

	Rule	
Input	- 8	Output
11		
9		
16		
10		
17		

Input/Output Tables (B) Answers

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

	Rule	
Input	+ 3	Output
2		5
4		7
3		6
1		4
7		10

	Rule	
Input	- 4	Output
9		5
6		2
10		6
11		7
12		8

	Rule	
Input	+ 1	Output
6		7
7		8
5		6
3		4
2		3

	Rule	
Input	- 8	Output
15		7
12		4
11		3
10		2
16		8

	Rule	
Input	+ 6	Output
2		8
5		11
8		14
4		10
7		13

	Rule	
Input	- 8	Output
11		3
9		1
16		8
10		2
17		9

Input/Output Tables (C)

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

	Rule	
Input	+ 3	Output
2		
5		
9		
4		
1		

	Rule	
Input	- 5	Output
6		
10		
12		
8		
11		

	Rule	
Input	+ 2	Output
4		
9		
5		
2		
1		

	Rule	
Input	- 3	Output
11		
8		
9		
10		
12		

	Rule	
Input	+ 9	Output
8		
6		
4		
3		
2		

	Rule	
Input	- 1	Output
4		
9		
6		
5		
2		

Input/Output Tables (C) Answers

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

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

	Rule	
Input	- 5	Output
6		1
10		5
12		7
8		3
11		6

	Rule	
Input	+ 2	Output
4		6
9		11
5		7
2		4
1		3

	Rule	
Input	- 3	Output
11		8
8		5
9		6
10		7
12		9

	Rule	
Input	+ 9	Output
8		17
6		15
4		13
3		12
2		11

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

Input/Output Tables (D)

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

	Rule	
Input	+ 9	Output
1		
8		
5		
4		
6		

	Rule	
Input	- 6	Output
7		
8		
10		
14		
11		

	Rule	
Input	+ 2	Output
7		
6		
9		
4		
5		

	Rule	
Input	- 3	Output
10		
11		
12		
7		
6		

	Rule	
Input	+ 4	Output
6		
9		
1		
8		
4		

	Rule	
Input	- 2	Output
10		
11		
6		
5		
3		

Input/Output Tables (D) Answers

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

	Rule	
Input	+ 9	Output
1		10
8		17
5		14
4		13
6		15

	Rule	
Input	- 6	Output
7		1
8		2
10		4
14		8
11		5

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

	Rule	
Input	- 3	Output
10		7
11		8
12		9
7		4
6		3

	Rule	
Input	+ 4	Output
6		10
9		13
1		5
8		12
4		8

	Rule	
Input	- 2	Output
10		8
11		9
6		4
5		3
3		1

Input/Output Tables (E)

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

	Rule	
Input	+ 8	Output
9		
4		
5		
7		
8		

	Rule	
Input	- 9	Output
15		
13		
12		
14		
10		

	Rule	
Input	+ 9	Output
2		
4		
6		
3		
7		

	Rule	
Input	- 4	Output
9		
10		
13		
12		
6		

	Rule	
Input	+ 5	Output
6		
9		
2		
7		
1		

	Rule	
Input	- 9	Output
17		
16		
10		
11		
18		

Input/Output Tables (E) Answers

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

	Rule	
Input	+ 8	Output
9		17
4		12
5		13
7		15
8		16

	Rule	
Input	- 9	Output
15		6
13		4
12		3
14		5
10		1

	Rule	
Input	+ 9	Output
2		11
4		13
6		15
3		12
7		16

	Rule	
Input	- 4	Output
9		5
10		6
13		9
12		8
6		2

	Rule	
Input	+ 5	Output
6		11
9		14
2		7
7		12
1		6

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

Input/Output Tables (F)

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

	Rule	
Input	+ 9	Output
8		
9		
5		
3		
2		

	Rule	
Input	- 8	Output
13		
14		
11		
17		
10		

	Rule	
Input	+ 3	Output
8		
6		
4		
1		
7		

	Rule	
Input	- 3	Output
4		
10		
9		
12		
8		

	Rule	
Input	+ 9	Output
7		
2		
1		
6		
4		

	Rule	
Input	- 4	Output
7		
11		
9		
8		
10		

Input/Output Tables (F) Answers

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

	Rule	
Input	+ 9	Output
8		17
9		18
5		14
3		12
2		11

	Rule	
Input	- 8	Output
13		5
14		6
11		3
17		9
10		2

	Rule	
Input	+ 3	Output
8		11
6		9
4		7
1		4
7		10

	Rule	
Input	- 3	Output
4		1
10		7
9		6
12		9
8		5

	Rule	
Input	+ 9	Output
7		16
2		11
1		10
6		15
4		13

	Rule	
Input	- 4	Output
7		3
11		7
9		5
8		4
10		6

Input/Output Tables (G)

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

	Rule	
Input	+ 3	Output
9		
1		
5		
3		
6		

	Rule	
Input	- 4	Output
5		
7		
12		
9		
8		

	Rule	
Input	+ 1	Output
4		
3		
1		
5		
6		

	Rule	
Input	- 1	Output
8		
4		
9		
7		
5		

	Rule	
Input	+ 3	Output
8		
2		
4		
9		
1		

	Rule	
Input	- 5	Output
9		
12		
6		
10		
8		

Input/Output Tables (G) Answers

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

	Rule	
Input	+ 3	Output
9		12
1		4
5		8
3		6
6		9

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

	Rule	
Input	+ 1	Output
4		5
3		4
1		2
5		6
6		7

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

	Rule	
Input	+ 3	Output
8		11
2		5
4		7
9		12
1		4

	Rule	
Input	- 5	Output
9		4
12		7
6		1
10		5
8		3

Input/Output Tables (H)

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

	Rule	
Input	+ 2	Output
4		
7		
5		
9		
6		

	Rule	
Input	- 2	Output
3		
6		
5		
4		
11		

	Rule	
Input	+ 6	Output
8		
3		
7		
9		
6		

	Rule	
Input	- 8	Output
17		
11		
14		
13		
12		

	Rule	
Input	+ 4	Output
6		
9		
2		
1		
8		

	Rule	
Input	- 2	Output
10		
7		
5		
4		
8		

Input/Output Tables (H) Answers

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

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

	Rule	
Input	- 2	Output
3		1
6		4
5		3
4		2
11		9

	Rule	
Input	+ 6	Output
8		14
3		9
7		13
9		15
6		12

	Rule	
Input	- 8	Output
17		9
11		3
14		6
13		5
12		4

	Rule	
Input	+ 4	Output
6		10
9		13
2		6
1		5
8		12

	Rule	
Input	- 2	Output
10		8
7		5
5		3
4		2
8		6

Input/Output Tables (I)

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

	Rule	
Input	+ 6	Output
1		
6		
5		
7		
8		

	Rule	
Input	- 4	Output
5		
10		
9		
12		
11		

	Rule	
Input	+ 6	Output
6		
1		
4		
9		
7		

	Rule	
Input	- 2	Output
9		
10		
4		
6		
7		

	Rule	
Input	+ 7	Output
7		
4		
9		
1		
3		

	Rule	
Input	- 4	Output
6		
8		
9		
12		
10		

Input/Output Tables (I) Answers

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

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

	Rule	
Input	- 4	Output
5		1
10		6
9		5
12		8
11		7

	Rule	
Input	+ 6	Output
6		12
1		7
4		10
9		15
7		13

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

	Rule	
Input	+ 7	Output
7		14
4		11
9		16
1		8
3		10

	Rule	
Input	- 4	Output
6		2
8		4
9		5
12		8
10		6

Input/Output Tables (J)

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

	Rule	
Input	+ 3	Output
9		
3		
8		
6		
2		

	Rule	
Input	- 9	Output
15		
10		
13		
18		
17		

	Rule	
Input	+ 8	Output
1		
2		
7		
8		
4		

	Rule	
Input	- 1	Output
3		
10		
8		
7		
5		

	Rule	
Input	+ 2	Output
9		
2		
8		
3		
7		

	Rule	
Input	- 5	Output
6		
9		
7		
11		
8		

Input/Output Tables (J) Answers

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

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

	Rule	
Input	- 9	Output
15		6
10		1
13		4
18		9
17		8

	Rule	
Input	+ 8	Output
1		9
2		10
7		15
8		16
4		12

	Rule	
Input	- 1	Output
3		2
10		9
8		7
7		6
5		4

	Rule	
Input	+ 2	Output
9		11
2		4
8		10
3		5
7		9

	Rule	
Input	- 5	Output
6		1
9		4
7		2
11		6
8		3