



Determine what rule the function machine is using.

1)

Input (o)	Output (c)
12	18
18	24
40	46
26	32
30	36

2)

Input (l)	Output (v)
60	50
50	40
31	21
36	26
41	31

3)

Input (q)	Output (t)
16	26
20	30
26	36
10	20
38	48

4)

Input (y)	Output (m)
42	56
31	45
25	39
14	28
33	47

5)

Input (f)	Output (g)
34	41
36	43
27	34
12	19
32	39

6)

Input (u)	Output (j)
25	33
26	34
35	43
11	19
23	31

7)

In (f)	24	38	26	27
Out (j)	33	47	35	36

8)

In (k)	50	29	55	42
Out (y)	37	16	42	29

9)

In (e)	33	30	46	51
Out (h)	27	24	40	45

10)

In (i)	34	36	39	28
Out (a)	29	31	34	23

11)

In (b)	34	53	49	27
Out (p)	26	45	41	19

12)

In (n)	33	48	38	43
Out (i)	21	36	26	31

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Determine what rule the function machine is using.

1)

Input (o)	Output (c)
12	18
18	24
40	46
26	32
30	36

Add 6

2)

Input (l)	Output (v)
60	50
50	40
31	21
36	26
41	31

Subtract 10

3)

Input (q)	Output (t)
16	26
20	30
26	36
10	20
38	48

Add 10

4)

Input (y)	Output (m)
42	56
31	45
25	39
14	28
33	47

Add 14

5)

Input (f)	Output (g)
34	41
36	43
27	34
12	19
32	39

Add 7

6)

Input (u)	Output (j)
25	33
26	34
35	43
11	19
23	31

Add 8

7)

In (f)	24	38	26	27
Out (j)	33	47	35	36

Add 9

8)

In (k)	50	29	55	42
Out (y)	37	16	42	29

Subtract 13

9)

In (e)	33	30	46	51
Out (h)	27	24	40	45

Subtract 6

10)

In (i)	34	36	39	28
Out (a)	29	31	34	23

Subtract 5

11)

In (b)	34	53	49	27
Out (p)	26	45	41	19

Subtract 8

12)

In (n)	33	48	38	43
Out (i)	21	36	26	31

Subtract 12

Answers

1. Add 6

2. Subtract 10

3. Add 10

4. Add 14

5. Add 7

6. Add 8

7. Add 9

8. Subtract 13

9. Subtract 6

10. Subtract 5

11. Subtract 8

12. Subtract 12



Determine what rule the function machine is using.

Answers

- |            |             |       |             |
|------------|-------------|-------|-------------|
| Add 6      | Add 14      | Add 7 | Add 10      |
| Subtract 6 | Subtract 10 | Add 9 | Subtract 13 |
| Add 8      |             |       |             |

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_

1)

Input (o)	Output (c)
12	18
18	24
40	46
26	32
30	36

2)

Input (l)	Output (v)
60	50
50	40
31	21
36	26
41	31

3)

Input (q)	Output (t)
16	26
20	30
26	36
10	20
38	48

4)

Input (y)	Output (m)
42	56
31	45
25	39
14	28
33	47

5)

Input (f)	Output (g)
34	41
36	43
27	34
12	19
32	39

6)

Input (u)	Output (j)
25	33
26	34
35	43
11	19
23	31

7)

In (f)	24	38	26	27
Out (j)	33	47	35	36

8)

In (k)	50	29	55	42
Out (y)	37	16	42	29

9)

In (e)	33	30	46	51
Out (h)	27	24	40	45