



Determine what rule the function machine is using.

1)

Input (i)	Output (j)
34	24
25	15
31	21
59	49
50	40

2)

Input (f)	Output (m)
21	12
53	44
39	30
35	26
47	38

3)

Input (v)	Output (m)
34	24
60	50
36	26
25	15
56	46

4)

Input (m)	Output (o)
24	18
36	30
16	10
25	19
49	43

5)

Input (i)	Output (f)
31	44
28	41
24	37
30	43
13	26

6)

Input (f)	Output (c)
36	45
39	48
24	33
21	30
16	25

7)

In (q)	30	23	25	28
Out (o)	45	38	40	43

8)

In (m)	47	20	38	30
Out (i)	58	31	49	41

9)

In (k)	32	61	36	46
Out (u)	19	48	23	33

10)

In (m)	41	32	31	42
Out (h)	36	27	26	37

11)

In (k)	41	51	25	56
Out (r)	32	42	16	47

12)

In (h)	46	21	43	40
Out (i)	51	26	48	45

Answers

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



Determine what rule the function machine is using.

1)

Input (i)	Output (j)
34	24
25	15
31	21
59	49
50	40

Subtract 10

2)

Input (f)	Output (m)
21	12
53	44
39	30
35	26
47	38

Subtract 9

3)

Input (v)	Output (m)
34	24
60	50
36	26
25	15
56	46

Subtract 10

4)

Input (m)	Output (o)
24	18
36	30
16	10
25	19
49	43

Subtract 6

5)

Input (i)	Output (f)
31	44
28	41
24	37
30	43
13	26

Add 13

6)

Input (f)	Output (c)
36	45
39	48
24	33
21	30
16	25

Add 9

7)

In (q)	30	23	25	28
Out (o)	45	38	40	43

Add 15

8)

In (m)	47	20	38	30
Out (i)	58	31	49	41

Add 11

9)

In (k)	32	61	36	46
Out (u)	19	48	23	33

Subtract 13

10)

In (m)	41	32	31	42
Out (h)	36	27	26	37

Subtract 5

11)

In (k)	41	51	25	56
Out (r)	32	42	16	47

Subtract 9

12)

In (h)	46	21	43	40
Out (i)	51	26	48	45

Add 5

Answers

1. **Subtract 10**

2. **Subtract 9**

3. **Subtract 10**

4. **Subtract 6**

5. **Add 13**

6. **Add 9**

7. **Add 15**

8. **Add 11**

9. **Subtract 13**

10. **Subtract 5**

11. **Subtract 9**

12. **Add 5**



Determine what rule the function machine is using.

Answers

- | | | | |
|-------------|--------|--------|-------------|
| Subtract 13 | Add 9 | Add 13 | Subtract 10 |
| Subtract 6 | Add 15 | Add 11 | Subtract 9 |
| Subtract 10 | | | |

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

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Input (m)	Output (o)
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31	44
28	41
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30	43
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6)

Input (f)	Output (c)
36	45
39	48
24	33
21	30
16	25

7)

In (q)	30	23	25	28
Out (o)	45	38	40	43

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