



Determine what rule the function machine is using.

1)

Input (o)	Output (j)
36	30
37	31
53	47
18	12
39	33

2)

Input (m)	Output (h)
35	24
47	36
61	50
45	34
29	18

3)

Input (g)	Output (f)
33	46
31	44
20	33
18	31
21	34

4)

Input (j)	Output (t)
15	21
35	41
34	40
38	44
37	43

5)

Input (h)	Output (l)
27	36
32	41
45	54
40	49
49	58

6)

Input (z)	Output (j)
10	25
43	58
20	35
28	43
18	33

7)

In (s)	61	60	34	25
Out (q)	47	46	20	11

8)

In (g)	16	12	21	41
Out (w)	23	19	28	48

9)

In (e)	46	39	33	25
Out (g)	41	34	28	20

10)

In (a)	30	28	11	41
Out (e)	39	37	20	50

11)

In (j)	47	60	45	46
Out (w)	36	49	34	35

12)

In (k)	27	26	42	52
Out (g)	22	21	37	47

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 (j)
36	30
37	31
53	47
18	12
39	33

Subtract 6

2)

Input (m)	Output (h)
35	24
47	36
61	50
45	34
29	18

Subtract 11

3)

Input (g)	Output (f)
33	46
31	44
20	33
18	31
21	34

Add 13

4)

Input (j)	Output (t)
15	21
35	41
34	40
38	44
37	43

Add 6

5)

Input (h)	Output (l)
27	36
32	41
45	54
40	49
49	58

Add 9

6)

Input (z)	Output (j)
10	25
43	58
20	35
28	43
18	33

Add 15

7)

In (s)	61	60	34	25
Out (q)	47	46	20	11

Subtract 14

8)

In (g)	16	12	21	41
Out (w)	23	19	28	48

Add 7

9)

In (e)	46	39	33	25
Out (g)	41	34	28	20

Subtract 5

10)

In (a)	30	28	11	41
Out (e)	39	37	20	50

Add 9

11)

In (j)	47	60	45	46
Out (w)	36	49	34	35

Subtract 11

12)

In (k)	27	26	42	52
Out (g)	22	21	37	47

Subtract 5

Answers

1. Subtract 6

2. Subtract 11

3. Add 13

4. Add 6

5. Add 9

6. Add 15

7. Subtract 14

8. Add 7

9. Subtract 5

10. Add 9

11. Subtract 11

12. Subtract 5



Determine what rule the function machine is using.

Answers

Subtract 14	Add 7	Add 9	Subtract 6
Subtract 11	Subtract 5	Add 6	Add 13
Add 15			

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

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31	44
20	33
18	31
21	34

4)

Input (j)	Output (t)
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37	43

5)

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