



Determine what rule the function machine is using.

1)

Input (p)	Output (c)
44	38
22	16
52	46
49	43
55	49

2)

Input (j)	Output (i)
51	40
23	12
52	41
37	26
21	10

3)

Input (c)	Output (d)
32	45
43	56
40	53
13	26
36	49

4)

Input (n)	Output (s)
53	45
23	15
28	20
46	38
43	35

5)

Input (i)	Output (g)
49	61
25	37
22	34
28	40
30	42

6)

Input (a)	Output (h)
23	12
37	26
31	20
60	49
40	29

7)

In (t)	50	48	23	22
Out (n)	61	59	34	33

8)

In (q)	24	50	36	55
Out (n)	19	45	31	50

9)

In (w)	12	20	50	40
Out (i)	27	35	65	55

10)

In (j)	29	27	38	46
Out (y)	24	22	33	41

11)

In (m)	12	22	48	38
Out (z)	27	37	63	53

12)

In (t)	38	30	24	11
Out (q)	51	43	37	24

Answers

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



Determine what rule the function machine is using.

1)

Input (p)	Output (c)
44	38
22	16
52	46
49	43
55	49

Subtract 6

2)

Input (j)	Output (i)
51	40
23	12
52	41
37	26
21	10

Subtract 11

3)

Input (c)	Output (d)
32	45
43	56
40	53
13	26
36	49

Add 13

4)

Input (n)	Output (s)
53	45
23	15
28	20
46	38
43	35

Subtract 8

5)

Input (i)	Output (g)
49	61
25	37
22	34
28	40
30	42

Add 12

6)

Input (a)	Output (h)
23	12
37	26
31	20
60	49
40	29

Subtract 11

7)

In (t)	50	48	23	22
Out (n)	61	59	34	33

Add 11

8)

In (q)	24	50	36	55
Out (n)	19	45	31	50

Subtract 5

9)

In (w)	12	20	50	40
Out (i)	27	35	65	55

Add 15

10)

In (j)	29	27	38	46
Out (y)	24	22	33	41

Subtract 5

11)

In (m)	12	22	48	38
Out (z)	27	37	63	53

Add 15

12)

In (t)	38	30	24	11
Out (q)	51	43	37	24

Add 13

Answers

1. Subtract 6

2. Subtract 11

3. Add 13

4. Subtract 8

5. Add 12

6. Subtract 11

7. Add 11

8. Subtract 5

9. Add 15

10. Subtract 5

11. Add 15

12. Add 13



Determine what rule the function machine is using.

Answers

Add 15	Subtract 6	Subtract 8	Add 11
Subtract 11	Subtract 11	Add 12	Subtract 5
Add 13			

1)

Input (p)	Output (c)
44	38
22	16
52	46
49	43
55	49

2)

Input (j)	Output (i)
51	40
23	12
52	41
37	26
21	10

3)

Input (c)	Output (d)
32	45
43	56
40	53
13	26
36	49

4)

Input (n)	Output (s)
53	45
23	15
28	20
46	38
43	35

5)

Input (i)	Output (g)
49	61
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28	40
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6)

Input (a)	Output (h)
23	12
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31	20
60	49
40	29

7)

In (t)	50	48	23	22
Out (n)	61	59	34	33

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In (q)	24	50	36	55
Out (n)	19	45	31	50

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In (w)	12	20	50	40
Out (i)	27	35	65	55

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