



Determine what rule the function machine is using.

1)

Input (p)	Output (g)
33	27
40	34
36	30
24	18
25	19

2)

Input (b)	Output (a)
50	61
28	39
18	29
35	46
41	52

3)

Input (l)	Output (w)
49	34
33	18
40	25
59	44
36	21

4)

Input (o)	Output (d)
44	56
35	47
21	33
34	46
28	40

5)

Input (d)	Output (q)
17	30
30	43
32	45
40	53
38	51

6)

Input (q)	Output (a)
23	34
18	29
11	22
29	40
32	43

7)

In (z)	51	60	40	39
Out (t)	37	46	26	25

8)

In (y)	44	40	52	33
Out (c)	37	33	45	26

9)

In (j)	41	36	26	53
Out (e)	36	31	21	48

10)

In (i)	29	19	43	22
Out (k)	44	34	58	37

11)

In (u)	46	15	49	34
Out (b)	61	30	64	49

12)

In (p)	44	42	21	45
Out (q)	38	36	15	39

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 (g)
33	27
40	34
36	30
24	18
25	19

Subtract 6

2)

Input (b)	Output (a)
50	61
28	39
18	29
35	46
41	52

Add 11

3)

Input (l)	Output (w)
49	34
33	18
40	25
59	44
36	21

Subtract 15

4)

Input (o)	Output (d)
44	56
35	47
21	33
34	46
28	40

Add 12

5)

Input (d)	Output (q)
17	30
30	43
32	45
40	53
38	51

Add 13

6)

Input (q)	Output (a)
23	34
18	29
11	22
29	40
32	43

Add 11

7)

In (z)	51	60	40	39
Out (t)	37	46	26	25

Subtract 14

8)

In (y)	44	40	52	33
Out (c)	37	33	45	26

Subtract 7

9)

In (j)	41	36	26	53
Out (e)	36	31	21	48

Subtract 5

10)

In (i)	29	19	43	22
Out (k)	44	34	58	37

Add 15

11)

In (u)	46	15	49	34
Out (b)	61	30	64	49

Add 15

12)

In (p)	44	42	21	45
Out (q)	38	36	15	39

Subtract 6

Answers

1. **Subtract 6**

2. **Add 11**

3. **Subtract 15**

4. **Add 12**

5. **Add 13**

6. **Add 11**

7. **Subtract 14**

8. **Subtract 7**

9. **Subtract 5**

10. **Add 15**

11. **Add 15**

12. **Subtract 6**



Determine what rule the function machine is using.

Answers

Subtract 5	Add 12	Subtract 15	Add 11
Subtract 7	Subtract 6	Subtract 14	Add 11
Add 13			

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

1)

Input (p)	Output (g)
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Input (l)	Output (w)
49	34
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4)

Input (o)	Output (d)
44	56
35	47
21	33
34	46
28	40

5)

Input (d)	Output (q)
17	30
30	43
32	45
40	53
38	51

6)

Input (q)	Output (a)
23	34
18	29
11	22
29	40
32	43

7)

In (z)	51	60	40	39
Out (t)	37	46	26	25

8)

In (y)	44	40	52	33
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In (j)	41	36	26	53
Out (e)	36	31	21	48