



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

1)

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Input (n)	Output (s)
53	45
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Input (i)	Output (g)
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22	34
28	40
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6)

Input (a)	Output (h)
23	12
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31	20
60	49
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Out (i)	27	35	65	55