



Determine what rule the function machine is using.

1)

Input (j)	Output (d)
18	27
31	40
46	55
49	58
25	34

2)

Input (c)	Output (l)
20	35
12	27
50	65
21	36
33	48

3)

Input (c)	Output (b)
56	46
52	42
49	39
34	24
45	35

4)

Input (v)	Output (j)
13	24
48	59
34	45
35	46
43	54

5)

Input (g)	Output (h)
46	33
35	22
57	44
56	43
62	49

6)

Input (e)	Output (f)
19	31
43	55
31	43
25	37
26	38

7)

In (g)	50	28	44	13
Out (c)	55	33	49	18

8)

In (a)	24	26	59	53
Out (p)	14	16	49	43

9)

In (y)	60	36	59	45
Out (q)	49	25	48	34

10)

In (e)	34	33	28	42
Out (j)	21	20	15	29

11)

In (i)	44	20	24	17
Out (h)	54	30	34	27

12)

In (c)	54	39	30	35
Out (f)	49	34	25	30

Answers

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



Determine what rule the function machine is using.

1)

Input (j)	Output (d)
18	27
31	40
46	55
49	58
25	34

Add 9

2)

Input (c)	Output (l)
20	35
12	27
50	65
21	36
33	48

Add 15

3)

Input (c)	Output (b)
56	46
52	42
49	39
34	24
45	35

Subtract 10

4)

Input (v)	Output (j)
13	24
48	59
34	45
35	46
43	54

Add 11

5)

Input (g)	Output (h)
46	33
35	22
57	44
56	43
62	49

Subtract 13

6)

Input (e)	Output (f)
19	31
43	55
31	43
25	37
26	38

Add 12

7)

In (g)	50	28	44	13
Out (c)	55	33	49	18

Add 5

8)

In (a)	24	26	59	53
Out (p)	14	16	49	43

Subtract 10

9)

In (y)	60	36	59	45
Out (q)	49	25	48	34

Subtract 11

10)

In (e)	34	33	28	42
Out (j)	21	20	15	29

Subtract 13

11)

In (i)	44	20	24	17
Out (h)	54	30	34	27

Add 10

12)

In (c)	54	39	30	35
Out (f)	49	34	25	30

Subtract 5

Answers

1. Add 9

2. Add 15

3. Subtract 10

4. Add 11

5. Subtract 13

6. Add 12

7. Add 5

8. Subtract 10

9. Subtract 11

10. Subtract 13

11. Add 10

12. Subtract 5



Determine what rule the function machine is using.

Answers

Subtract 10	Add 12	Add 15	Subtract 11
Subtract 10	Add 5	Add 11	Subtract 13
Add 9			

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

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5)

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