



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

Answers1. **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)

Input (j)	Output (d)
18	27
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3)

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6)

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7)

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

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1. _____

2. _____

3. _____

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7. _____

8. _____

9. _____