



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. \_\_\_\_\_

1)

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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
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31	43
25	37
26	38

7)

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