



Determine what rule the function machine is using.

Answers

1)

Input (z)	Output (n)
17	27
15	25
18	28
41	51
49	59

2)

Input (c)	Output (q)
41	31
43	33
23	13
40	30
28	18

3)

Input (a)	Output (m)
35	44
24	33
30	39
38	47
21	30

4)

Input (y)	Output (j)
58	43
55	40
29	14
40	25
42	27

5)

Input (c)	Output (v)
20	33
37	50
16	29
32	45
10	23

6)

Input (q)	Output (e)
35	50
38	53
37	52
14	29
17	32

7)

In (z)	62	28	33	32
Out (v)	48	14	19	18

8)

In (v)	26	47	29	32
Out (u)	11	32	14	17

9)

In (h)	52	25	35	36
Out (o)	41	14	24	25

10)

In (n)	27	38	16	40
Out (g)	36	47	25	49

11)

In (h)	49	43	23	47
Out (c)	38	32	12	36

12)

In (i)	36	50	27	43
Out (p)	41	55	32	48

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



Determine what rule the function machine is using.

1)

Input (z)	Output (n)
17	27
15	25
18	28
41	51
49	59

Add 10

2)

Input (c)	Output (q)
41	31
43	33
23	13
40	30
28	18

Subtract 10

3)

Input (a)	Output (m)
35	44
24	33
30	39
38	47
21	30

Add 9

4)

Input (y)	Output (j)
58	43
55	40
29	14
40	25
42	27

Subtract 15

5)

Input (c)	Output (v)
20	33
37	50
16	29
32	45
10	23

Add 13

6)

Input (q)	Output (e)
35	50
38	53
37	52
14	29
17	32

Add 15

7)

In (z)	62	28	33	32
Out (v)	48	14	19	18

Subtract 14

8)

In (v)	26	47	29	32
Out (u)	11	32	14	17

Subtract 15

9)

In (h)	52	25	35	36
Out (o)	41	14	24	25

Subtract 11

10)

In (n)	27	38	16	40
Out (g)	36	47	25	49

Add 9

11)

In (h)	49	43	23	47
Out (c)	38	32	12	36

Subtract 11

12)

In (i)	36	50	27	43
Out (p)	41	55	32	48

Add 5

Answers

1. Add 10

2. Subtract 10

3. Add 9

4. Subtract 15

5. Add 13

6. Add 15

7. Subtract 14

8. Subtract 15

9. Subtract 11

10. Add 9

11. Subtract 11

12. Add 5



Determine what rule the function machine is using.

Answers

Subtract 15	Add 10	Add 9	Subtract 15
Add 15	Subtract 14	Subtract 10	Subtract 11
Add 13			

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

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Input (a)	Output (m)
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4)

Input (y)	Output (j)
58	43
55	40
29	14
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42	27

5)

Input (c)	Output (v)
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37	50
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In (h)	52	25	35	36
Out (o)	41	14	24	25