



Determine what rule the function machine is using.

1)

Input (v)	Output (u)
33	24
51	42
20	11
39	30
58	49

2)

Input (w)	Output (l)
48	35
24	11
53	40
25	12
61	48

3)

Input (e)	Output (c)
41	49
13	21
50	58
18	26
23	31

4)

Input (c)	Output (e)
19	10
53	44
47	38
20	11
46	37

5)

Input (r)	Output (j)
27	38
48	59
45	56
29	40
46	57

6)

Input (p)	Output (u)
26	17
32	23
54	45
50	41
40	31

7)

In (h)	40	24	20	11
Out (j)	55	39	35	26

8)

In (e)	52	37	29	58
Out (d)	42	27	19	48

9)

In (l)	11	33	24	13
Out (u)	26	48	39	28

10)

In (a)	30	29	62	48
Out (h)	18	17	50	36

11)

In (r)	43	47	42	51
Out (i)	34	38	33	42

12)

In (u)	29	30	50	23
Out (c)	37	38	58	31

Answers

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



Determine what rule the function machine is using.

1)

Input (v)	Output (u)
33	24
51	42
20	11
39	30
58	49

Subtract 9

2)

Input (w)	Output (l)
48	35
24	11
53	40
25	12
61	48

Subtract 13

3)

Input (e)	Output (c)
41	49
13	21
50	58
18	26
23	31

Add 8

4)

Input (c)	Output (e)
19	10
53	44
47	38
20	11
46	37

Subtract 9

5)

Input (r)	Output (j)
27	38
48	59
45	56
29	40
46	57

Add 11

6)

Input (p)	Output (u)
26	17
32	23
54	45
50	41
40	31

Subtract 9

7)

In (h)	40	24	20	11
Out (j)	55	39	35	26

Add 15

8)

In (e)	52	37	29	58
Out (d)	42	27	19	48

Subtract 10

9)

In (l)	11	33	24	13
Out (u)	26	48	39	28

Add 15

10)

In (a)	30	29	62	48
Out (h)	18	17	50	36

Subtract 12

11)

In (r)	43	47	42	51
Out (i)	34	38	33	42

Subtract 9

12)

In (u)	29	30	50	23
Out (c)	37	38	58	31

Add 8

Answers

1. Subtract 9

2. Subtract 13

3. Add 8

4. Subtract 9

5. Add 11

6. Subtract 9

7. Add 15

8. Subtract 10

9. Add 15

10. Subtract 12

11. Subtract 9

12. Add 8



Determine what rule the function machine is using.

Answers

Subtract 13

Subtract 9

Add 11

Add 15

Add 8

Add 15

Subtract 9

Subtract 9

Subtract 10

1)

Input (v)	Output (u)
33	24
51	42
20	11
39	30
58	49

2)

Input (w)	Output (l)
48	35
24	11
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25	12
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3)

Input (e)	Output (c)
41	49
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18	26
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4)

Input (c)	Output (e)
19	10
53	44
47	38
20	11
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5)

Input (r)	Output (j)
27	38
48	59
45	56
29	40
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6)

Input (p)	Output (u)
26	17
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7)

In (h)	40	24	20	11
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9)

In (l)	11	33	24	13
Out (u)	26	48	39	28

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