



Determine what rule the function machine is using.

1)

Input (a)	Output (j)
24	36
46	58
50	62
44	56
15	27

2)

Input (d)	Output (m)
57	44
43	30
61	48
30	17
32	19

3)

Input (t)	Output (e)
32	41
44	53
42	51
14	23
23	32

4)

Input (b)	Output (h)
13	22
24	33
17	26
34	43
18	27

5)

Input (h)	Output (a)
42	30
40	28
59	47
55	43
41	29

6)

Input (a)	Output (c)
39	26
41	28
57	44
37	24
29	16

7)

In (n)	27	50	40	30
Out (a)	17	40	30	20

8)

In (e)	16	44	10	38
Out (u)	31	59	25	53

9)

In (r)	34	37	41	48
Out (c)	40	43	47	54

10)

In (t)	44	46	39	35
Out (n)	38	40	33	29

11)

In (c)	40	38	21	49
Out (g)	54	52	35	63

12)

In (u)	45	26	36	23
Out (i)	58	39	49	36

Answers

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



Determine what rule the function machine is using.

1)

Input (a)	Output (j)
24	36
46	58
50	62
44	56
15	27

Add 12

2)

Input (d)	Output (m)
57	44
43	30
61	48
30	17
32	19

Subtract 13

3)

Input (t)	Output (e)
32	41
44	53
42	51
14	23
23	32

Add 9

4)

Input (b)	Output (h)
13	22
24	33
17	26
34	43
18	27

Add 9

5)

Input (h)	Output (a)
42	30
40	28
59	47
55	43
41	29

Subtract 12

6)

Input (a)	Output (c)
39	26
41	28
57	44
37	24
29	16

Subtract 13

7)

In (n)	27	50	40	30
Out (a)	17	40	30	20

Subtract 10

8)

In (e)	16	44	10	38
Out (u)	31	59	25	53

Add 15

9)

In (r)	34	37	41	48
Out (c)	40	43	47	54

Add 6

10)

In (t)	44	46	39	35
Out (n)	38	40	33	29

Subtract 6

11)

In (c)	40	38	21	49
Out (g)	54	52	35	63

Add 14

12)

In (u)	45	26	36	23
Out (i)	58	39	49	36

Add 13

Answers

1. Add 12

2. Subtract 13

3. Add 9

4. Add 9

5. Subtract 12

6. Subtract 13

7. Subtract 10

8. Add 15

9. Add 6

10. Subtract 6

11. Add 14

12. Add 13



Determine what rule the function machine is using.

Subtract 13  
Subtract 13  
Add 9

Add 12  
Subtract 12

Add 15  
Add 9

Add 6  
Subtract 10

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24	36
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32	41
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6)

Input (a)	Output (c)
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37	24
29	16

7)

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In (r)	34	37	41	48
Out (c)	40	43	47	54

Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_