



Determine what rule the function machine is using.

1)

Input (c)	Output (w)
38	53
18	33
26	41
35	50
16	31

2)

Input (n)	Output (o)
37	45
45	53
42	50
39	47
35	43

3)

Input (w)	Output (h)
57	48
26	17
37	28
30	21
58	49

4)

Input (w)	Output (g)
30	15
44	29
25	10
31	16
51	36

5)

Input (j)	Output (e)
42	54
26	38
11	23
48	60
43	55

6)

Input (k)	Output (f)
46	35
42	31
58	47
40	29
34	23

7)

In (a)	28	33	31	44
Out (n)	42	47	45	58

8)

In (f)	29	58	24	26
Out (a)	18	47	13	15

9)

In (r)	21	30	45	11
Out (a)	29	38	53	19

10)

In (q)	60	44	29	24
Out (n)	48	32	17	12

11)

In (u)	32	31	35	41
Out (k)	17	16	20	26

12)

In (r)	45	19	39	38
Out (e)	55	29	49	48

Answers

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



Determine what rule the function machine is using.

1)

Input (c)	Output (w)
38	53
18	33
26	41
35	50
16	31

Add 15

2)

Input (n)	Output (o)
37	45
45	53
42	50
39	47
35	43

Add 8

3)

Input (w)	Output (h)
57	48
26	17
37	28
30	21
58	49

Subtract 9

4)

Input (w)	Output (g)
30	15
44	29
25	10
31	16
51	36

Subtract 15

5)

Input (j)	Output (e)
42	54
26	38
11	23
48	60
43	55

Add 12

6)

Input (k)	Output (f)
46	35
42	31
58	47
40	29
34	23

Subtract 11

7)

In (a)	28	33	31	44
Out (n)	42	47	45	58

Add 14

8)

In (f)	29	58	24	26
Out (a)	18	47	13	15

Subtract 11

9)

In (r)	21	30	45	11
Out (a)	29	38	53	19

Add 8

10)

In (q)	60	44	29	24
Out (n)	48	32	17	12

Subtract 12

11)

In (u)	32	31	35	41
Out (k)	17	16	20	26

Subtract 15

12)

In (r)	45	19	39	38
Out (e)	55	29	49	48

Add 10

Answers

1. Add 15

2. Add 8

3. Subtract 9

4. Subtract 15

5. Add 12

6. Subtract 11

7. Add 14

8. Subtract 11

9. Add 8

10. Subtract 12

11. Subtract 15

12. Add 10



Determine what rule the function machine is using.

Answers

Add 14	Subtract 11	Subtract 9	Add 12
Subtract 15	Add 8	Subtract 11	Add 15
Add 8			

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

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Input (w)	Output (g)
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In (r)	21	30	45	11
Out (a)	29	38	53	19