



Determine what rule the function machine is using.

1)

Input (g)	Output (i)
28	41
20	33
32	45
18	31
30	43

2)

Input (d)	Output (m)
62	49
23	10
51	38
49	36
26	13

3)

Input (p)	Output (e)
36	28
28	20
25	17
54	46
53	45

4)

Input (v)	Output (j)
23	35
11	23
37	49
34	46
29	41

5)

Input (v)	Output (t)
25	17
43	35
33	25
38	30
49	41

6)

Input (u)	Output (e)
58	49
20	11
21	12
32	23
56	47

7)

In (t)	39	20	34	33
Out (k)	48	29	43	42

8)

In (i)	34	32	16	22
Out (t)	47	45	29	35

9)

In (e)	43	25	16	38
Out (r)	49	31	22	44

10)

In (m)	34	33	24	55
Out (w)	24	23	14	45

11)

In (n)	31	35	45	25
Out (k)	44	48	58	38

12)

In (e)	36	39	51	60
Out (v)	22	25	37	46

Answers

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



Determine what rule the function machine is using.

1)

Input (g)	Output (i)
28	41
20	33
32	45
18	31
30	43

Add 13

2)

Input (d)	Output (m)
62	49
23	10
51	38
49	36
26	13

Subtract 13

3)

Input (p)	Output (e)
36	28
28	20
25	17
54	46
53	45

Subtract 8

4)

Input (v)	Output (j)
23	35
11	23
37	49
34	46
29	41

Add 12

5)

Input (v)	Output (t)
25	17
43	35
33	25
38	30
49	41

Subtract 8

6)

Input (u)	Output (e)
58	49
20	11
21	12
32	23
56	47

Subtract 9

7)

In (t)	39	20	34	33
Out (k)	48	29	43	42

Add 9

8)

In (i)	34	32	16	22
Out (t)	47	45	29	35

Add 13

9)

In (e)	43	25	16	38
Out (r)	49	31	22	44

Add 6

10)

In (m)	34	33	24	55
Out (w)	24	23	14	45

Subtract 10

11)

In (n)	31	35	45	25
Out (k)	44	48	58	38

Add 13

12)

In (e)	36	39	51	60
Out (v)	22	25	37	46

Subtract 14

Answers

1. Add 13

2. Subtract 13

3. Subtract 8

4. Add 12

5. Subtract 8

6. Subtract 9

7. Add 9

8. Add 13

9. Add 6

10. Subtract 10

11. Add 13

12. Subtract 14



Determine what rule the function machine is using.

Add 6	Add 9	Subtract 8	Subtract 13
Add 13	Add 12	Subtract 9	Add 13
Subtract 8			

Answers

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

1)

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4)

Input (v)	Output (j)
23	35
11	23
37	49
34	46
29	41

5)

Input (v)	Output (t)
25	17
43	35
33	25
38	30
49	41

6)

Input (u)	Output (e)
58	49
20	11
21	12
32	23
56	47

7)

In (t)	39	20	34	33
Out (k)	48	29	43	42

8)

In (i)	34	32	16	22
Out (t)	47	45	29	35

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In (e)	43	25	16	38
Out (r)	49	31	22	44