



Determine what rule the function machine is using.

1)

Input (v)	Output (y)
14	19
20	25
25	30
30	35
42	47

2)

Input (w)	Output (i)
40	32
38	30
58	50
20	12
46	38

3)

Input (t)	Output (b)
38	48
25	35
12	22
31	41
35	45

4)

Input (m)	Output (g)
32	20
37	25
26	14
33	21
27	15

5)

Input (e)	Output (s)
32	46
17	31
43	57
20	34
36	50

6)

Input (n)	Output (y)
46	60
16	30
19	33
30	44
50	64

7)

In (r)	18	42	54	21
Out (q)	10	34	46	13

8)

In (w)	28	41	50	26
Out (r)	17	30	39	15

9)

In (b)	44	42	33	19
Out (u)	36	34	25	11

10)

In (j)	49	28	38	44
Out (d)	60	39	49	55

11)

In (v)	44	40	25	16
Out (a)	39	35	20	11

12)

In (v)	22	16	44	28
Out (t)	35	29	57	41

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 (y)
14	19
20	25
25	30
30	35
42	47

Add 5

2)

Input (w)	Output (i)
40	32
38	30
58	50
20	12
46	38

Subtract 8

3)

Input (t)	Output (b)
38	48
25	35
12	22
31	41
35	45

Add 10

4)

Input (m)	Output (g)
32	20
37	25
26	14
33	21
27	15

Subtract 12

5)

Input (e)	Output (s)
32	46
17	31
43	57
20	34
36	50

Add 14

6)

Input (n)	Output (y)
46	60
16	30
19	33
30	44
50	64

Add 14

7)

In (r)	18	42	54	21
Out (q)	10	34	46	13

Subtract 8

8)

In (w)	28	41	50	26
Out (r)	17	30	39	15

Subtract 11

9)

In (b)	44	42	33	19
Out (u)	36	34	25	11

Subtract 8

10)

In (j)	49	28	38	44
Out (d)	60	39	49	55

Add 11

11)

In (v)	44	40	25	16
Out (a)	39	35	20	11

Subtract 5

12)

In (v)	22	16	44	28
Out (t)	35	29	57	41

Add 13

Answers

1. Add 5

2. Subtract 8

3. Add 10

4. Subtract 12

5. Add 14

6. Add 14

7. Subtract 8

8. Subtract 11

9. Subtract 8

10. Add 11

11. Subtract 5

12. Add 13



Determine what rule the function machine is using.

Answers

Subtract 11	Add 10	Add 14	Add 5
Subtract 8	Subtract 8	Subtract 12	Add 14
Subtract 8			

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

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