



Determine what rule the function machine is using.

Answers

1)

Input (n)	Output (p)
27	17
39	29
45	35
36	26
35	25

2)

Input (a)	Output (u)
46	60
37	51
18	32
33	47
27	41

3)

Input (i)	Output (k)
28	34
49	55
12	18
14	20
44	50

4)

Input (e)	Output (v)
31	16
50	35
65	50
34	19
29	14

5)

Input (d)	Output (c)
47	37
55	45
40	30
26	16
28	18

6)

Input (a)	Output (y)
22	33
32	43
37	48
23	34
30	41

7)

In (r)	38	27	35	56
Out (g)	32	21	29	50

8)

In (n)	32	14	16	30
Out (f)	39	21	23	37

9)

In (u)	49	51	37	16
Out (p)	44	46	32	11

10)

In (t)	57	44	29	60
Out (m)	47	34	19	50

11)

In (d)	42	31	27	41
Out (k)	53	42	38	52

12)

In (z)	43	23	25	37
Out (t)	49	29	31	43

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



Determine what rule the function machine is using.

1)

Input (n)	Output (p)
27	17
39	29
45	35
36	26
35	25

Subtract 10

2)

Input (a)	Output (u)
46	60
37	51
18	32
33	47
27	41

Add 14

3)

Input (i)	Output (k)
28	34
49	55
12	18
14	20
44	50

Add 6

4)

Input (e)	Output (v)
31	16
50	35
65	50
34	19
29	14

Subtract 15

5)

Input (d)	Output (c)
47	37
55	45
40	30
26	16
28	18

Subtract 10

6)

Input (a)	Output (y)
22	33
32	43
37	48
23	34
30	41

Add 11

7)

In (r)	38	27	35	56
Out (g)	32	21	29	50

Subtract 6

8)

In (n)	32	14	16	30
Out (f)	39	21	23	37

Add 7

9)

In (u)	49	51	37	16
Out (p)	44	46	32	11

Subtract 5

10)

In (t)	57	44	29	60
Out (m)	47	34	19	50

Subtract 10

11)

In (d)	42	31	27	41
Out (k)	53	42	38	52

Add 11

12)

In (z)	43	23	25	37
Out (t)	49	29	31	43

Add 6

Answers

1. **Subtract 10**

2. **Add 14**

3. **Add 6**

4. **Subtract 15**

5. **Subtract 10**

6. **Add 11**

7. **Subtract 6**

8. **Add 7**

9. **Subtract 5**

10. **Subtract 10**

11. **Add 11**

12. **Add 6**



Determine what rule the function machine is using.

Subtract 15
Add 14
Subtract 5

Subtract 6
Add 6

Add 7
Subtract 10

Subtract 10
Add 11

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1. _____
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