



Determine what rule the function machine is using.

1)

Input (n)	Output (k)
30	40
13	23
14	24
27	37
25	35

2)

Input (w)	Output (h)
47	32
53	38
36	21
63	48
59	44

3)

Input (o)	Output (r)
55	41
60	46
40	26
52	38
38	24

4)

Input (i)	Output (c)
50	63
40	53
27	40
41	54
13	26

5)

Input (y)	Output (u)
27	14
53	40
30	17
39	26
62	49

6)

Input (g)	Output (p)
55	43
27	15
36	24
41	29
48	36

7)

In (o)	48	29	20	18
Out (z)	54	35	26	24

8)

In (j)	32	42	47	10
Out (k)	39	49	54	17

9)

In (t)	11	47	25	20
Out (y)	22	58	36	31

10)

In (s)	46	27	31	50
Out (c)	31	12	16	35

11)

In (i)	45	49	47	31
Out (q)	51	55	53	37

12)

In (w)	35	25	48	21
Out (o)	29	19	42	15

Answers

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



Determine what rule the function machine is using.

1)

Input (n)	Output (k)
30	40
13	23
14	24
27	37
25	35

Add 10

2)

Input (w)	Output (h)
47	32
53	38
36	21
63	48
59	44

Subtract 15

3)

Input (o)	Output (r)
55	41
60	46
40	26
52	38
38	24

Subtract 14

4)

Input (i)	Output (c)
50	63
40	53
27	40
41	54
13	26

Add 13

5)

Input (y)	Output (u)
27	14
53	40
30	17
39	26
62	49

Subtract 13

6)

Input (g)	Output (p)
55	43
27	15
36	24
41	29
48	36

Subtract 12

7)

In (o)	48	29	20	18
Out (z)	54	35	26	24

Add 6

8)

In (j)	32	42	47	10
Out (k)	39	49	54	17

Add 7

9)

In (t)	11	47	25	20
Out (y)	22	58	36	31

Add 11

10)

In (s)	46	27	31	50
Out (c)	31	12	16	35

Subtract 15

11)

In (i)	45	49	47	31
Out (q)	51	55	53	37

Add 6

12)

In (w)	35	25	48	21
Out (o)	29	19	42	15

Subtract 6

Answers

1. Add 10

2. Subtract 15

3. Subtract 14

4. Add 13

5. Subtract 13

6. Subtract 12

7. Add 6

8. Add 7

9. Add 11

10. Subtract 15

11. Add 6

12. Subtract 6



Determine what rule the function machine is using.

Answers

- | | | | |
|-------------|--------|--------|-------------|
| Subtract 13 | Add 10 | Add 11 | Subtract 15 |
| Subtract 12 | Add 7 | Add 13 | Subtract 14 |
| Add 6 | | | |

1)

Input (n)	Output (k)
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5)

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1. _____
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8. _____
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