



Determine what rule the function machine is using.

1)

Input (h)	Output (j)
49	60
23	34
11	22
50	61
29	40

2)

Input (c)	Output (i)
21	16
26	21
49	44
30	25
38	33

3)

Input (c)	Output (d)
44	29
65	50
28	13
60	45
62	47

4)

Input (y)	Output (e)
35	21
51	37
62	48
53	39
56	42

5)

Input (i)	Output (m)
45	54
40	49
20	29
24	33
28	37

6)

Input (i)	Output (p)
42	56
10	24
43	57
45	59
16	30

7)

In (g)	41	24	23	17
Out (d)	52	35	34	28

8)

In (l)	22	43	39	49
Out (g)	31	52	48	58

9)

In (z)	52	23	20	25
Out (l)	45	16	13	18

10)

In (u)	56	26	24	53
Out (o)	46	16	14	43

11)

In (d)	38	33	46	39
Out (k)	26	21	34	27

12)

In (t)	54	47	48	30
Out (o)	44	37	38	20

Answers

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



Determine what rule the function machine is using.

1)

Input (h)	Output (j)
49	60
23	34
11	22
50	61
29	40

Add 11

2)

Input (c)	Output (i)
21	16
26	21
49	44
30	25
38	33

Subtract 5

3)

Input (c)	Output (d)
44	29
65	50
28	13
60	45
62	47

Subtract 15

4)

Input (y)	Output (e)
35	21
51	37
62	48
53	39
56	42

Subtract 14

5)

Input (i)	Output (m)
45	54
40	49
20	29
24	33
28	37

Add 9

6)

Input (i)	Output (p)
42	56
10	24
43	57
45	59
16	30

Add 14

7)

In (g)	41	24	23	17
Out (d)	52	35	34	28

Add 11

8)

In (l)	22	43	39	49
Out (g)	31	52	48	58

Add 9

9)

In (z)	52	23	20	25
Out (l)	45	16	13	18

Subtract 7

10)

In (u)	56	26	24	53
Out (o)	46	16	14	43

Subtract 10

11)

In (d)	38	33	46	39
Out (k)	26	21	34	27

Subtract 12

12)

In (t)	54	47	48	30
Out (o)	44	37	38	20

Subtract 10

Answers

1. Add 11

2. Subtract 5

3. Subtract 15

4. Subtract 14

5. Add 9

6. Add 14

7. Add 11

8. Add 9

9. Subtract 7

10. Subtract 10

11. Subtract 12

12. Subtract 10



Determine what rule the function machine is using.

**Answers**

Subtract 7

Subtract 14

Add 9

Subtract 5

Add 11

Add 11

Add 9

Subtract 15

Add 14

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