



Determine what rule the function machine is using.

1)

Input (y)	Output (u)
44	58
12	26
36	50
15	29
16	30

2)

Input (o)	Output (z)
31	36
19	24
34	39
22	27
39	44

3)

Input (n)	Output (h)
39	27
48	36
28	16
43	31
22	10

4)

Input (q)	Output (b)
53	43
36	26
51	41
34	24
28	18

5)

Input (l)	Output (r)
19	34
41	56
47	62
36	51
31	46

6)

Input (a)	Output (s)
28	42
14	28
27	41
11	25
18	32

7)

In (i)	23	31	13	10
Out (o)	30	38	20	17

8)

In (h)	29	37	45	46
Out (p)	18	26	34	35

9)

In (t)	51	41	35	21
Out (y)	40	30	24	10

10)

In (m)	32	12	49	50
Out (s)	43	23	60	61

11)

In (c)	21	53	47	23
Out (l)	11	43	37	13

12)

In (q)	17	35	43	20
Out (i)	28	46	54	31

Answers

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



Determine what rule the function machine is using.

1)

Input (y)	Output (u)
44	58
12	26
36	50
15	29
16	30

Add 14

2)

Input (o)	Output (z)
31	36
19	24
34	39
22	27
39	44

Add 5

3)

Input (n)	Output (h)
39	27
48	36
28	16
43	31
22	10

Subtract 12

4)

Input (q)	Output (b)
53	43
36	26
51	41
34	24
28	18

Subtract 10

5)

Input (l)	Output (r)
19	34
41	56
47	62
36	51
31	46

Add 15

6)

Input (a)	Output (s)
28	42
14	28
27	41
11	25
18	32

Add 14

7)

In (i)	23	31	13	10
Out (o)	30	38	20	17

Add 7

8)

In (h)	29	37	45	46
Out (p)	18	26	34	35

Subtract 11

9)

In (t)	51	41	35	21
Out (y)	40	30	24	10

Subtract 11

10)

In (m)	32	12	49	50
Out (s)	43	23	60	61

Add 11

11)

In (c)	21	53	47	23
Out (l)	11	43	37	13

Subtract 10

12)

In (q)	17	35	43	20
Out (i)	28	46	54	31

Add 11

Answers

1. Add 14

2. Add 5

3. Subtract 12

4. Subtract 10

5. Add 15

6. Add 14

7. Add 7

8. Subtract 11

9. Subtract 11

10. Add 11

11. Subtract 10

12. Add 11



Determine what rule the function machine is using.

Answers

Subtract 12	Subtract 11	Subtract 11	Add 14
Add 7	Add 15	Add 5	Add 14
Subtract 10			

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

1)

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Input (o)	Output (z)
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22	27
39	44

3)

Input (n)	Output (h)
39	27
48	36
28	16
43	31
22	10

4)

Input (q)	Output (b)
53	43
36	26
51	41
34	24
28	18

5)

Input (l)	Output (r)
19	34
41	56
47	62
36	51
31	46

6)

Input (a)	Output (s)
28	42
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11	25
18	32

7)

In (i)	23	31	13	10
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In (h)	29	37	45	46
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In (t)	51	41	35	21
Out (y)	40	30	24	10