



Determine what rule the function machine is using.

1)

Input (s)	Output (w)
29	21
49	41
42	34
48	40
46	38

2)

Input (r)	Output (b)
38	25
32	19
34	21
44	31
42	29

3)

Input (f)	Output (r)
45	55
25	35
41	51
40	50
11	21

4)

Input (a)	Output (t)
15	28
21	34
31	44
29	42
32	45

5)

Input (w)	Output (r)
33	38
44	49
35	40
23	28
17	22

6)

Input (c)	Output (j)
48	55
10	17
31	38
40	47
43	50

7)

In (n)	50	23	29	30
Out (p)	55	28	34	35

8)

In (c)	16	37	27	45
Out (q)	30	51	41	59

9)

In (m)	34	20	27	54
Out (b)	29	15	22	49

10)

In (b)	61	51	42	50
Out (y)	47	37	28	36

11)

In (e)	27	36	43	60
Out (u)	17	26	33	50

12)

In (l)	46	19	28	32
Out (a)	40	13	22	26

Answers

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



Determine what rule the function machine is using.

1)

Input (s)	Output (w)
29	21
49	41
42	34
48	40
46	38

Subtract 8

2)

Input (r)	Output (b)
38	25
32	19
34	21
44	31
42	29

Subtract 13

3)

Input (f)	Output (r)
45	55
25	35
41	51
40	50
11	21

Add 10

4)

Input (a)	Output (t)
15	28
21	34
31	44
29	42
32	45

Add 13

5)

Input (w)	Output (r)
33	38
44	49
35	40
23	28
17	22

Add 5

6)

Input (c)	Output (j)
48	55
10	17
31	38
40	47
43	50

Add 7

7)

In (n)	50	23	29	30
Out (p)	55	28	34	35

Add 5

8)

In (c)	16	37	27	45
Out (q)	30	51	41	59

Add 14

9)

In (m)	34	20	27	54
Out (b)	29	15	22	49

Subtract 5

10)

In (b)	61	51	42	50
Out (y)	47	37	28	36

Subtract 14

11)

In (e)	27	36	43	60
Out (u)	17	26	33	50

Subtract 10

12)

In (l)	46	19	28	32
Out (a)	40	13	22	26

Subtract 6

Answers

1. Subtract 8

2. Subtract 13

3. Add 10

4. Add 13

5. Add 5

6. Add 7

7. Add 5

8. Add 14

9. Subtract 5

10. Subtract 14

11. Subtract 10

12. Subtract 6



Determine what rule the function machine is using.

Answers

Subtract 8	Add 10	Subtract 13	Add 5
Add 7	Add 14	Add 13	Add 5
Subtract 5			

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

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Input (s)	Output (w)
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49	41
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2)

Input (r)	Output (b)
38	25
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34	21
44	31
42	29

3)

Input (f)	Output (r)
45	55
25	35
41	51
40	50
11	21

4)

Input (a)	Output (t)
15	28
21	34
31	44
29	42
32	45

5)

Input (w)	Output (r)
33	38
44	49
35	40
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17	22

6)

Input (c)	Output (j)
48	55
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43	50

7)

In (n)	50	23	29	30
Out (p)	55	28	34	35

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In (c)	16	37	27	45
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In (m)	34	20	27	54
Out (b)	29	15	22	49