



Determine what rule the function machine is using.

1)

Input (s)	Output (c)
44	50
35	41
13	19
15	21
22	28

2)

Input (j)	Output (r)
50	65
45	60
26	41
20	35
14	29

3)

Input (d)	Output (z)
34	47
20	33
39	52
27	40
24	37

4)

Input (d)	Output (i)
41	35
24	18
30	24
34	28
56	50

5)

Input (k)	Output (g)
19	13
22	16
18	12
27	21
29	23

6)

Input (t)	Output (q)
37	52
33	48
17	32
10	25
23	38

7)

In (k)	52	32	26	36
Out (h)	43	23	17	27

8)

In (d)	46	36	29	38
Out (r)	52	42	35	44

9)

In (e)	55	34	35	57
Out (o)	46	25	26	48

10)

In (h)	24	49	56	40
Out (n)	11	36	43	27

11)

In (m)	27	29	46	49
Out (u)	14	16	33	36

12)

In (q)	21	23	39	34
Out (s)	33	35	51	46

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 (c)
44	50
35	41
13	19
15	21
22	28

Add 6

2)

Input (j)	Output (r)
50	65
45	60
26	41
20	35
14	29

Add 15

3)

Input (d)	Output (z)
34	47
20	33
39	52
27	40
24	37

Add 13

4)

Input (d)	Output (i)
41	35
24	18
30	24
34	28
56	50

Subtract 6

5)

Input (k)	Output (g)
19	13
22	16
18	12
27	21
29	23

Subtract 6

6)

Input (t)	Output (q)
37	52
33	48
17	32
10	25
23	38

Add 15

7)

In (k)	52	32	26	36
Out (h)	43	23	17	27

Subtract 9

8)

In (d)	46	36	29	38
Out (r)	52	42	35	44

Add 6

9)

In (e)	55	34	35	57
Out (o)	46	25	26	48

Subtract 9

10)

In (h)	24	49	56	40
Out (n)	11	36	43	27

Subtract 13

11)

In (m)	27	29	46	49
Out (u)	14	16	33	36

Subtract 13

12)

In (q)	21	23	39	34
Out (s)	33	35	51	46

Add 12

Answers

1. Add 6

2. Add 15

3. Add 13

4. Subtract 6

5. Subtract 6

6. Add 15

7. Subtract 9

8. Add 6

9. Subtract 9

10. Subtract 13

11. Subtract 13

12. Add 12



Determine what rule the function machine is using.

Answers

Subtract 9

Add 15

Subtract 6

Add 13

Add 6

Subtract 9

Add 15

Add 6

Subtract 6

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

1)

Input (s)	Output (c)
44	50
35	41
13	19
15	21
22	28

2)

Input (j)	Output (r)
50	65
45	60
26	41
20	35
14	29

3)

Input (d)	Output (z)
34	47
20	33
39	52
27	40
24	37

4)

Input (d)	Output (i)
41	35
24	18
30	24
34	28
56	50

5)

Input (k)	Output (g)
19	13
22	16
18	12
27	21
29	23

6)

Input (t)	Output (q)
37	52
33	48
17	32
10	25
23	38

7)

In (k)	52	32	26	36
Out (h)	43	23	17	27

8)

In (d)	46	36	29	38
Out (r)	52	42	35	44

9)

In (e)	55	34	35	57
Out (o)	46	25	26	48