



Determine what rule the function machine is using.

1)

In	Out
27	33
30	36
33	39
41	47
42	48

2)

In	Out
41	26
46	31
50	35
60	45
61	46

3)

In	Out
18	32
20	34
23	37
28	42
40	54

4)

Input	Output
21	25
22	26
25	29
29	33
32	36

5)

In	Out
27	18
36	27
39	30
41	32
50	41

6)

Input	Output
16	23
17	24
18	25
27	34
42	49

7)

In	Out
20	27
29	36
30	37
39	46
45	52

8)

Input	Output
11	25
16	30
18	32
27	41
35	49

9)

Input	Output
10	20
12	22
15	25
26	36
49	59

10)

In	Out
40	29
51	40
52	41
54	43
59	48

11)

In	Out
19	28
27	36
29	38
39	48
48	57

12)

Input	Output
10	14
11	15
24	28
30	34
41	45

Answers

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



Determine what rule the function machine is using.

1)

In	Out
27	33
30	36
33	39
41	47
42	48

2)

In	Out
41	26
46	31
50	35
60	45
61	46

3)

In	Out
18	32
20	34
23	37
28	42
40	54

4)

Input	Output
21	25
22	26
25	29
29	33
32	36

5)

In	Out
27	18
36	27
39	30
41	32
50	41

6)

Input	Output
16	23
17	24
18	25
27	34
42	49

7)

In	Out
20	27
29	36
30	37
39	46
45	52

8)

Input	Output
11	25
16	30
18	32
27	41
35	49

9)

Input	Output
10	20
12	22
15	25
26	36
49	59

10)

In	Out
40	29
51	40
52	41
54	43
59	48

11)

In	Out
19	28
27	36
29	38
39	48
48	57

12)

Input	Output
10	14
11	15
24	28
30	34
41	45

Answers

1. Add 6

2. Sub 15

3. Add 14

4. Add 4

5. Sub 9

6. Add 7

7. Add 7

8. Add 14

9. Add 10

10. Sub 11

11. Add 9

12. Add 4



Determine what rule the function machine is using.

1)

In	Out
27	33
30	36
33	39
41	47
42	48

- Add 4
- Sub 6
- Add 9
- Add 6

2)

In	Out
41	26
46	31
50	35
60	45
61	46

- Sub 14
- Add 17
- Sub 17
- Sub 15

3)

In	Out
18	32
20	34
23	37
28	42
40	54

- Add 14
- Add 16
- Sub 16
- Add 12

4)

In	Out
21	25
22	26
25	29
29	33
32	36

- Add 5
- Add 2
- Add 4
- Sub 4

5)

In	Out
27	18
36	27
39	30
41	32
50	41

- Add 10
- Sub 7
- Sub 9
- Sub 10

6)

In	Out
16	23
17	24
18	25
27	34
42	49

- Sub 7
- Add 5
- Add 7
- Sub 9

7)

In	Out
20	27
29	36
30	37
39	46
45	52

- Sub 7
- Add 7
- Add 10
- Add 4

8)

In	Out
11	25
16	30
18	32
27	41
35	49

- Add 17
- Sub 14
- Sub 17
- Add 14

9)

In	Out
10	20
12	22
15	25
26	36
49	59

- Add 10
- Add 9
- Sub 13
- Add 13

Answers

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