



Determine what rule the function machine is using.

1)

Input (z)	Output (m)
15	30
28	43
31	46
30	45
19	34

2)

Input (s)	Output (l)
58	50
38	30
21	13
37	29
24	16

3)

Input (w)	Output (o)
47	42
22	17
24	19
42	37
26	21

4)

Input (l)	Output (z)
26	14
23	11
46	34
35	23
59	47

5)

Input (f)	Output (q)
49	42
42	35
34	27
18	11
32	25

6)

Input (h)	Output (u)
22	34
10	22
20	32
17	29
19	31

7)

In (v)	22	47	40	28
Out (h)	33	58	51	39

8)

In (b)	49	26	33	58
Out (m)	35	12	19	44

9)

In (e)	32	27	59	60
Out (u)	19	14	46	47

10)

In (w)	44	29	50	20
Out (z)	56	41	62	32

11)

In (i)	32	10	16	19
Out (e)	46	24	30	33

12)

In (s)	14	11	16	25
Out (u)	20	17	22	31

Answers

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



Determine what rule the function machine is using.

1)

Input (z)	Output (m)
15	30
28	43
31	46
30	45
19	34

Add 15

2)

Input (s)	Output (l)
58	50
38	30
21	13
37	29
24	16

Subtract 8

3)

Input (w)	Output (o)
47	42
22	17
24	19
42	37
26	21

Subtract 5

4)

Input (l)	Output (z)
26	14
23	11
46	34
35	23
59	47

Subtract 12

5)

Input (f)	Output (q)
49	42
42	35
34	27
18	11
32	25

Subtract 7

6)

Input (h)	Output (u)
22	34
10	22
20	32
17	29
19	31

Add 12

7)

In (v)	22	47	40	28
Out (h)	33	58	51	39

Add 11

8)

In (b)	49	26	33	58
Out (m)	35	12	19	44

Subtract 14

9)

In (e)	32	27	59	60
Out (u)	19	14	46	47

Subtract 13

10)

In (w)	44	29	50	20
Out (z)	56	41	62	32

Add 12

11)

In (i)	32	10	16	19
Out (e)	46	24	30	33

Add 14

12)

In (s)	14	11	16	25
Out (u)	20	17	22	31

Add 6

Answers

1. Add 15

2. Subtract 8

3. Subtract 5

4. Subtract 12

5. Subtract 7

6. Add 12

7. Add 11

8. Subtract 14

9. Subtract 13

10. Add 12

11. Add 14

12. Add 6



Determine what rule the function machine is using.

- | | | | |
|-------------|--------|------------|-------------|
| Subtract 7 | Add 12 | Subtract 8 | Add 11 |
| Subtract 13 | Add 15 | Subtract 5 | Subtract 12 |
| Subtract 14 | | | |

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Input (z)	Output (m)
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Answers

1. _____
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