



Determine what rule the function machine is using.

1)

Input (y)	Output (k)
40	27
54	41
24	11
29	16
37	24

2)

Input (p)	Output (h)
40	52
20	32
28	40
16	28
17	29

3)

Input (g)	Output (k)
32	20
45	33
52	40
53	41
46	34

4)

Input (z)	Output (w)
25	20
30	25
22	17
44	39
48	43

5)

Input (k)	Output (v)
63	48
64	49
32	17
49	34
29	14

6)

Input (k)	Output (m)
12	19
29	36
42	49
43	50
44	51

7)

In (b)	40	44	10	25
Out (z)	52	56	22	37

8)

In (d)	51	21	47	29
Out (y)	45	15	41	23

9)

In (e)	45	20	18	38
Out (r)	59	34	32	52

10)

In (j)	42	30	15	31
Out (f)	54	42	27	43

11)

In (i)	54	65	53	40
Out (z)	39	50	38	25

12)

In (p)	49	17	46	33
Out (e)	57	25	54	41

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 (k)
40	27
54	41
24	11
29	16
37	24

Subtract 13

2)

Input (p)	Output (h)
40	52
20	32
28	40
16	28
17	29

Add 12

3)

Input (g)	Output (k)
32	20
45	33
52	40
53	41
46	34

Subtract 12

4)

Input (z)	Output (w)
25	20
30	25
22	17
44	39
48	43

Subtract 5

5)

Input (k)	Output (v)
63	48
64	49
32	17
49	34
29	14

Subtract 15

6)

Input (k)	Output (m)
12	19
29	36
42	49
43	50
44	51

Add 7

7)

In (b)	40	44	10	25
Out (z)	52	56	22	37

Add 12

8)

In (d)	51	21	47	29
Out (y)	45	15	41	23

Subtract 6

9)

In (e)	45	20	18	38
Out (r)	59	34	32	52

Add 14

10)

In (j)	42	30	15	31
Out (f)	54	42	27	43

Add 12

11)

In (i)	54	65	53	40
Out (z)	39	50	38	25

Subtract 15

12)

In (p)	49	17	46	33
Out (e)	57	25	54	41

Add 8

Answers

1. **Subtract 13**

2. **Add 12**

3. **Subtract 12**

4. **Subtract 5**

5. **Subtract 15**

6. **Add 7**

7. **Add 12**

8. **Subtract 6**

9. **Add 14**

10. **Add 12**

11. **Subtract 15**

12. **Add 8**



Determine what rule the function machine is using.

Add 12	Subtract 15	Add 12	Subtract 12
Add 14	Subtract 13	Subtract 6	Add 7
Subtract 5			

Answers

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

1)

Input (y)	Output (k)
40	27
54	41
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2)

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28	40
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Input (g)	Output (k)
32	20
45	33
52	40
53	41
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4)

Input (z)	Output (w)
25	20
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5)

Input (k)	Output (v)
63	48
64	49
32	17
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6)

Input (k)	Output (m)
12	19
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44	51

7)

In (b)	40	44	10	25
Out (z)	52	56	22	37

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