



Determine what rule the function machine is using.

1)

Input	Output
8	48
2	12
7	42
4	24
6	36

Multiply by 6

2)

Input	Output
46	39
51	44
20	13
56	49
50	43

Subtract 7

3)

Input	Output
5	20
9	36
4	16
7	28
3	12

Multiply by 4

4)

Input	Output
4	24
10	60
5	30
3	18
7	42

Multiply by 6

5)

Input	Output
14	28
39	53
29	43
46	60
17	31

Add 14

6)

Input	Output
30	21
27	18
54	45
58	49
45	36

Subtract 9

7)

Input	24	36	32	28	20
Output	6	9	8	7	5

Divide by 4

8)

Input	40	12	46	31	33
Output	45	17	51	36	38

Add 5

9)

Input	30	40	60	70	50
Output	3	4	6	7	5

Divide by 10

10)

Input	49	21	56	35	70
Output	7	3	8	5	10

Divide by 7

11)

Input	4	3	8	2	10
Output	28	21	56	14	70

Multiply by 7

12)

Input	50	49	26	31	14
Output	57	56	33	38	21

Add 7

Answers1. **Multiply by 6**2. **Subtract 7**3. **Multiply by 4**4. **Multiply by 6**5. **Add 14**6. **Subtract 9**7. **Divide by 4**8. **Add 5**9. **Divide by 10**10. **Divide by 7**11. **Multiply by 7**12. **Add 7**

**Determine what rule the function machine is using.**Multiply by 6
Add 14
Subtract 7Subtract 9
Add 5Divide by 4
Multiply by 4Multiply by 6
Divide by 101)

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Answers

1. _____
2. _____
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10. _____
11. _____
12. _____