



Determine what rule the function machine is using.

1)

Input	Output
16	4
12	3
36	9
32	8
40	10

Divide by 4

2)

Input	Output
18	11
35	28
21	14
56	49
33	26

Subtract 7

3)

Input	Output
10	70
8	56
9	63
5	35
3	21

Multiply by 7

4)

Input	Output
3	30
2	20
6	60
4	40
10	100

Multiply by 10

5)

Input	Output
26	39
32	45
34	47
46	59
19	32

Add 13

6)

Input	Output
6	12
2	4
3	6
7	14
5	10

Multiply by 2

7)

Input	60	28	56	29	42
Output	49	17	45	18	31

Subtract 11

8)

Input	18	54	48	30	12
Output	3	9	8	5	2

Divide by 6

9)

Input	16	17	11	40	37
Output	29	30	24	53	50

Add 13

10)

Input	18	27	81	36	54
Output	2	3	9	4	6

Divide by 9

11)

Input	29	58	34	45	57
Output	20	49	25	36	48

Subtract 9

12)

Input	18	12	50	44	27
Output	27	21	59	53	36

Add 9

Answers1. **Divide by 4**2. **Subtract 7**3. **Multiply by 7**4. **Multiply by 10**5. **Add 13**6. **Multiply by 2**7. **Subtract 11**8. **Divide by 6**9. **Add 13**10. **Divide by 9**11. **Subtract 9**12. **Add 9**

**Determine what rule the function machine is using.**

Multiply by 2
Multiply by 7
Add 13

Subtract 11
Subtract 7

Divide by 4
Divide by 6

Add 13
Multiply by 10

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Answers

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