



Determine the number that correctly fills in the blank in the function machine.

1)

Input	Output
38	46
67	75
37	45
66	74
74	82

Rule: Add 8

2)

Input	Output
72	58
95	81
107	93
17	3
22	8

Rule: Sub 14

3)

Input	Output
4	36
5	45
2	18
3	27
10	90

Rule: Mult 9

4)

Input	Output
50	10
30	6
45	9
40	8
20	4

Rule: Div 5

5)

Input	Output
93	102
14	23
78	87
24	33
95	104

Rule: Add 9

6)

Input	Output
41	22
50	31
69	50
39	20
44	25

Rule: Sub 19

7)

In	8	5	4	10	3
Out	56	35	28	70	21

Rule: Mult 7

8)

In	56	80	16	64	72
Out	7	10	2	8	9

Rule: Div 8

9)

In	35	45	29	19	40
Out	55	65	49	39	60

Rule: Add 20

10)

In	78	38	80	28	59
Out	75	35	77	25	56

Rule: Sub 3

11)

In	7	2	5	4	8
Out	70	20	50	40	80

Rule: Mult 10

12)

In	16	24	40	36	32
Out	4	6	10	9	8

Rule: Div 4

Answers

1. 74

2. 22

3. 3

4. 8

5. 33

6. 50

7. 3

8. 72

9. 40

10. 80

11. 8

12. 16



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22	3	72	16	33	8
80	3	40	50	74	8

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11)

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12)

In		24	40	36	32
Out	4	6	10	9	8

Answers

1. _____
2. _____
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12. _____