



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

Answers

1)

Input	Output
84	104
	76
97	117
7	27
22	42

2)

Input	Output
81	71
70	60
40	
73	63
95	85

3)

Input	Output
8	32
10	
9	36
7	28
6	24

4)

Input	Output
6	3
	2
8	4
20	10
16	8

5)

Input	Output
78	93
	18
72	87
7	22
71	86

6)

Input	Output
44	
74	64
94	84
90	80
95	85

7)

In	5	6	4	2	3
Out	40	48		16	24

8)

In	90	20	60		100
Out	9	2	6	7	10

9)

In	61	42	40	56	97
Out	77	58		72	113

10)

In	21	75	105	15	52
Out	15	69		9	46

11)

In	5	4	3		10
Out	35	28	21	49	70

12)

In	42	30	18	36	
Out	7	5	3	6	9

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



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

1)

Input	Output
84	104
56	76
97	117
7	27
22	42

Rule: Add 20

2)

Input	Output
81	71
70	60
40	30
73	63
95	85

Rule: Sub 10

3)

Input	Output
8	32
10	40
9	36
7	28
6	24

Rule: Mult 4

4)

Input	Output
6	3
4	2
8	4
20	10
16	8

Rule: Div 2

5)

Input	Output
78	93
3	18
72	87
7	22
71	86

Rule: Add 15

6)

Input	Output
44	34
74	64
94	84
90	80
95	85

Rule: Sub 10

7)

In	5	6	4	2	3
Out	40	48	32	16	24

Rule: Mult 8

8)

In	90	20	60	70	100
Out	9	2	6	7	10

Rule: Div 10

9)

In	61	42	40	56	97
Out	77	58	56	72	113

Rule: Add 16

10)

In	21	75	105	15	52
Out	15	69	99	9	46

Rule: Sub 6

11)

In	5	4	3	7	10
Out	35	28	21	49	70

Rule: Mult 7

12)

In	42	30	18	36	54
Out	7	5	3	6	9

Rule: Div 6

Answers

1. 56

2. 30

3. 40

4. 4

5. 3

6. 34

7. 32

8. 70

9. 56

10. 99

11. 7

12. 54



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

32	70	56	7	34	40
56	54	30	4	99	3

1)

Input	Output
84	104
	76
97	117
7	27
22	42

2)

Input	Output
81	71
70	60
40	
73	63
95	85

3)

Input	Output
8	32
10	
9	36
7	28
6	24

4)

Input	Output
6	3
	2
8	4
20	10
16	8

5)

Input	Output
78	93
	18
72	87
7	22
71	86

6)

Input	Output
44	
74	64
94	84
90	80
95	85

7)

In	5	6	4	2	3
Out	40	48		16	24

8)

In	90	20	60		100
Out	9	2	6	7	10

9)

In	61	42	40	56	97
Out	77	58		72	113

10)

In	21	75	105	15	52
Out	15	69		9	46

11)

In	5	4	3		10
Out	35	28	21	49	70

12)

In	42	30	18	36	
Out	7	5	3	6	9

Answers

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