



Determine what rule the function machine is using.

Answers1)

Input	Output
46	40
54	48
30	24
34	28
32	26

2)

Input	Output
32	45
27	40
33	46
42	55
45	58

3)

Input	Output
7	56
10	80
3	24
2	16
4	32

4)

Input	Output
6	48
7	56
2	16
8	64
3	24

5)

Input	Output
18	9
20	10
14	7
4	2
8	4

6)

Input	Output
11	18
18	25
49	56
16	23
33	40

7)

Input	48	36	24	12	18
Output	8	6	4	2	3

8)

Input	51	32	52	34	35
Output	36	17	37	19	20

9)

Input	20	70	30	50	40
Output	2	7	3	5	4

10)

Input	20	28	11	48	32
Output	32	40	23	60	44

11)

Input	19	11	30	40	12
Output	26	18	37	47	19

12)

Input	43	22	59	48	53
Output	31	10	47	36	41

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



Determine what rule the function machine is using.

1)

Input	Output
46	40
54	48
30	24
34	28
32	26

Subtract 6

2)

Input	Output
32	45
27	40
33	46
42	55
45	58

Add 13

3)

Input	Output
7	56
10	80
3	24
2	16
4	32

Multiply by 8

4)

Input	Output
6	48
7	56
2	16
8	64
3	24

Multiply by 8

5)

Input	Output
18	9
20	10
14	7
4	2
8	4

Divide by 2

6)

Input	Output
11	18
18	25
49	56
16	23
33	40

Add 7

7)

Input	48	36	24	12	18
Output	8	6	4	2	3

Divide by 6

8)

Input	51	32	52	34	35
Output	36	17	37	19	20

Subtract 15

9)

Input	20	70	30	50	40
Output	2	7	3	5	4

Divide by 10

10)

Input	20	28	11	48	32
Output	32	40	23	60	44

Add 12

11)

Input	19	11	30	40	12
Output	26	18	37	47	19

Add 7

12)

Input	43	22	59	48	53
Output	31	10	47	36	41

Subtract 12

Answers1. **Subtract 6**2. **Add 13**3. **Multiply by 8**4. **Multiply by 8**5. **Divide by 2**6. **Add 7**7. **Divide by 6**8. **Subtract 15**9. **Divide by 10**10. **Add 12**11. **Add 7**12. **Subtract 12**

**Determine what rule the function machine is using.**Add 13
Divide by 10
Divide by 2Multiply by 8
Add 7Multiply by 8
Subtract 6Divide by 6
Subtract 151)

Input	Output
46	40
54	48
30	24
34	28
32	26

2)

Input	Output
32	45
27	40
33	46
42	55
45	58

3)

Input	Output
7	56
10	80
3	24
2	16
4	32

4)

Input	Output
6	48
7	56
2	16
8	64
3	24

5)

Input	Output
18	9
20	10
14	7
4	2
8	4

6)

Input	Output
11	18
18	25
49	56
16	23
33	40

7)

Input	48	36	24	12	18
Output	8	6	4	2	3

8)

Input	51	32	52	34	35
Output	36	17	37	19	20

9)

Input	20	70	30	50	40
Output	2	7	3	5	4

Answers

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