



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

1)

| Input | Output |
|-------|--------|
| 6 | |
| 13 | 9 |
| 7 | 3 |
| 10 | 6 |
| 9 | 5 |

2)

| Input | Output |
|-------|--------|
| 10 | 29 |
| 6 | 25 |
| 4 | 23 |
| 8 | 27 |
| | 28 |

3)

| Input | Output |
|-------|--------|
| 9 | 11 |
| 5 | 7 |
| 7 | 9 |
| | 6 |
| 2 | 4 |

4)

| Input | Output |
|-------|--------|
| 3 | 19 |
| 10 | 26 |
| 5 | |
| 9 | 25 |
| 2 | 18 |

5)

| Input | Output |
|-------|--------|
| 5 | 22 |
| 6 | 23 |
| 4 | 21 |
| 8 | 25 |
| 3 | |

6)

| Input | Output |
|-------|--------|
| 16 | |
| 13 | 6 |
| 14 | 7 |
| 10 | 3 |
| 15 | 8 |

7)

| In | 42 | 60 | 48 | 30 |
|-----|----|----|----|----|
| Out | 7 | | 8 | 5 |

8)

| In | | 4 | 8 | 7 |
|-----|----|----|----|----|
| Out | 42 | 28 | 56 | 49 |

9)

| In | | 3 | 2 | 7 |
|-----|----|----|----|----|
| Out | 25 | 15 | 10 | 35 |

10)

| In | 25 | 22 | | 23 |
|-----|----|----|---|----|
| Out | 9 | 6 | 3 | 7 |

11)

| In | 20 | 18 | 8 | 10 |
|-----|----|----|---|----|
| Out | 10 | 9 | 4 | |

12)

| In | 3 | 7 | | 4 |
|-----|---|----|----|----|
| Out | 9 | 21 | 15 | 12 |

Answers

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 |
|-------|--------|
| 6 | 2 |
| 13 | 9 |
| 7 | 3 |
| 10 | 6 |
| 9 | 5 |

Rule: Sub 4

2)

| Input | Output |
|-------|--------|
| 10 | 29 |
| 6 | 25 |
| 4 | 23 |
| 8 | 27 |
| 9 | 28 |

Rule: Add 19

3)

| Input | Output |
|-------|--------|
| 9 | 11 |
| 5 | 7 |
| 7 | 9 |
| 4 | 6 |
| 2 | 4 |

Rule: Add 2

4)

| Input | Output |
|-------|--------|
| 3 | 19 |
| 10 | 26 |
| 5 | 21 |
| 9 | 25 |
| 2 | 18 |

Rule: Add 16

5)

| Input | Output |
|-------|--------|
| 5 | 22 |
| 6 | 23 |
| 4 | 21 |
| 8 | 25 |
| 3 | 20 |

Rule: Add 17

6)

| Input | Output |
|-------|--------|
| 16 | 9 |
| 13 | 6 |
| 14 | 7 |
| 10 | 3 |
| 15 | 8 |

Rule: Sub 7

7)

| In | 42 | 60 | 48 | 30 |
|-----|----|----|----|----|
| Out | 7 | 10 | 8 | 5 |

Rule: Div by 6

8)

| In | 6 | 4 | 8 | 7 |
|-----|----|----|----|----|
| Out | 42 | 28 | 56 | 49 |

Rule: Mult by 7

9)

| In | 5 | 3 | 2 | 7 |
|-----|----|----|----|----|
| Out | 25 | 15 | 10 | 35 |

Rule: Mult by 5

10)

| In | 25 | 22 | 19 | 23 |
|-----|----|----|----|----|
| Out | 9 | 6 | 3 | 7 |

Rule: Sub 16

11)

| In | 20 | 18 | 8 | 10 |
|-----|----|----|---|----|
| Out | 10 | 9 | 4 | 5 |

Rule: Div by 2

12)

| In | 3 | 7 | 5 | 4 |
|-----|---|----|----|----|
| Out | 9 | 21 | 15 | 12 |

Rule: Mult by 3

Answers1. 22. 93. 44. 215. 206. 97. 108. 69. 510. 1911. 512. 5