INPUT - OUTPUT TABLES

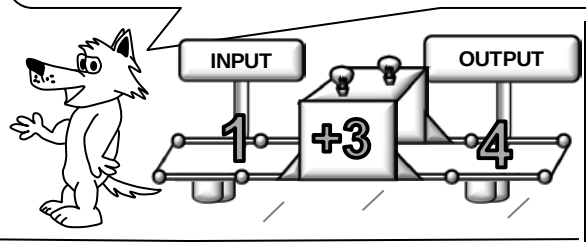
ANSWERS

Helpful Example

Input	Output
1	4
4	7
6	9
9	12

Rule: Add 3

THIS IS AN INPUT-OUTPUT TABLE. THE INPUT NUMBERS ARE THE NUMBERS YOU PUT IN AND THE RULE AT THE BOTTOM TELLS YOU WHAT TO DO TO IT. FOR EXAMPLE, THE FIRST NUMBER IS "1" AND THE RULE TELLS US TO "ADD 3." 1 + 3 = 4, SO THE OUTPUT IS 4.



Input	Rule		Output
4	+ 3	=	7
6	+ 3	=	9
9	+ 3	=	12

Complete each input-output table.

1.

Input	Output
3	1
5	**3**
9	**7**
10	**8**
14	**12**

Rule: Subtract 2

2.

Input	Output
1	**5**
3	7
6	10
11	**15**
13	17

Rule: Add 4

3.

Input	Output
2	4
4	8
5	**10**
7	14
9	**18**

Rule: Multiply by 2

Helpful Example

Input	Output
1	**6**
3	8
6	11

Rule: ?

Input	Rule		Output
1	+ 5	=	6
3	+ 5	=	8
6	+ 5	=	11

SOMETIMES YOU MIGHT BE MISSING THE RULE AND YOU'LL HAVE TO USE THE INPUT AND OUTPUT NUMBERS TO FIGURE IT OUT. ON THIS PROBLEM YOU WILL NEED TO ASK YOURSELF, "HOW DOES 3 CHANGE TO 8, AND HOW DOES 6 CHANGE TO 11?"

Find the rule and complete each input-output table.

4.

Input	Output
5	1
8	**4**
11	7
13	9
16	**12**

Rule: **Subtract 4**

5.

Input	Output
2	1
6	3
8	**4**
16	**8**
20	10

Rule: **Divide by 2**

6.

Input	Output
3	**13**
7	17
12	22
14	24
18	28

Rule: **Add 10**