

Determining Rules Using Two Operations

Complete the tables and write the shorthand rules that are missing.

1

INPUT	6	0	5	3	1	-3		x
OUTPUT	0	-6	-1				-4	

2

INPUT	2	3	0	5	7	9	10	x
OUTPUT	2	1	4	-1				$4 - x$

3

INPUT	1	2	4	5	8	12		x
OUTPUT	3	9	21				57	

4 Choose your own input numbers. Complete the table.

INPUT						
Multiply by 2						
Add 4						
Divide by 2						
Subtract the original input number						
OUTPUT						

What pattern do you see in the input and output numbers of this table?
