

MasterMath

Input-Output Tables

Name _____

Date _____

1. Create an Input-Output Table for this function. Use -3, -2, -1, 0, 1, 2, 3 as your domain.

$$y = 4x - 20$$

x	y

2. Write an equation for the function shown by the table.

x	y	
-1	3	
0	4	
1	5	
2	6	
3	7	

3. The output is 3 more than twice the input. Write a function to describe this relationship; then create an Input-Output Table to represent the relationship for a domain of -2, -1, 0, 1, and 2.

x	y	
-2		
-1		
0		
1		
2		

4. Complete the Table:

x	y
1.0	-3.0
2.0	-1.0
3.0	
4.0	3.0
5.0	5.0
6.0	

5. Correct the error(s) in this Input-Output Table:

y = .5x + 3		
x	y	Corrections
0.0	3.5	
1.0	4.0	
2.0	4.0	
3.0	5.0	
4.0	5.0	
5.0	5.5	

6. The output minus 3 is equal to half the input. Write a function to describe this relationship; then create an Input-Output Table to represent the relationship for a domain of -2, -1, 0, 1, and 2.

x	y	
-2		
-1		
0		
1		
2		