

Review: Function & Relation Basics

- 1) For this quiz, make sure you know the definition of a function.

For each table, determine whether or not the relation is a function. If it is a function, state the domain & range.

2)

input	output
-2	-1
3	3
1	6
5	0

3)

input	output
3	-2
1	4
0	5
1	6

Make an Input-Output table for each function.
Use $\{-2, 0, 2\}$ as the Domain.

4) $y = 3x - 1$

5) $2x + y = 4$

Answers:

1) did you learn it yet?

2) function; domain: $\{-2, 1, 3, 5\}$ range: $\{-1, 6, 3, 0\}$

3) not a function: the input 1 is paired with both 4 & 6

4)

Domain	Range
-2	-7
0	-1
2	5

5)

Domain	Range
-2	8
0	4
2	0