Quiz1, MAT 1375 Professor Chiu

ID:_____   Name:_____

- This quiz consists of 2 questions, each worth 5 points, for a total of 10 points.
- You have 10 minutes to complete the quiz.
- Show all work and justify your answers.
- Scientific calculators are allowed.
- Wishing you success.

1.Complete the table

Inequality notation	Number line	Interval notation
$-3 < x < 5$		
		$(-1,2]$
	  3	

2. The tables below describe assignments between inputs x and outputs y. Determine which of the given tables describe a function. If they do, determine their domain and range. Describe which outputs are assigned to which inputs.

a)

x	19	7	6	-2	3	-11
y	3	3	3	3	3	3

b)

x	1	2	3	4	4	5
y	5.3	9	13	17	15	$\sqrt{19}$