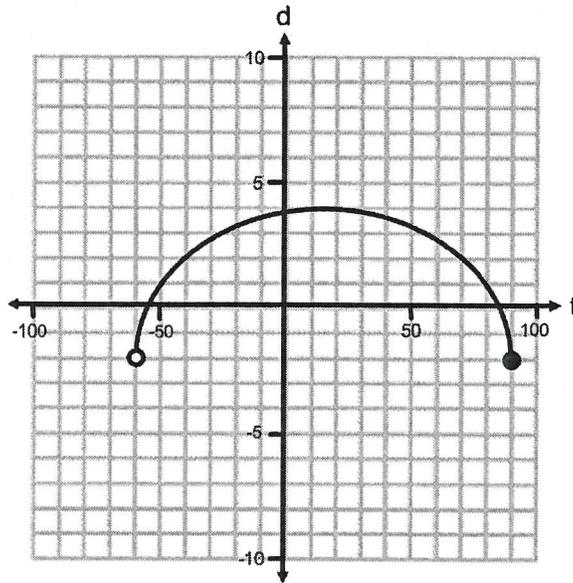


First Name: _____

Last Name: _____

28 - Math 10C - 6.3 Domain and Range Formative Quiz

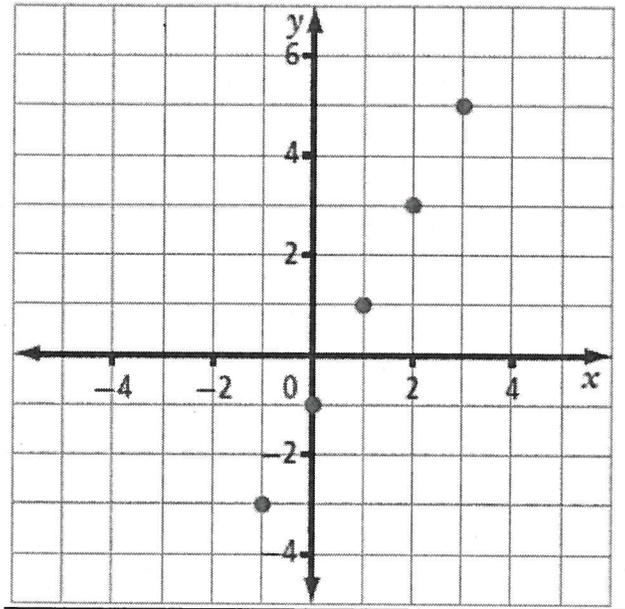
Use the following relation to answer questions Q1.



Q1: Fill in the chart (4 marks)

<u>Domain</u>		<u>Range</u>
<p>x is greater than -60 and less than or equal to 90.</p>	Words	<p>y is greater than or equal to -2 and less than or equal to 4.</p>
	Number Line	
<p>$\{x \mid -60 < x \leq 90, x \in \mathbb{R}\}$</p>	Set Notation	<p>$\{y \mid -2 \leq y \leq 4, y \in \mathbb{R}\}$</p>
<p>$(-60, 90]$</p>	Interval Notation	<p>$[-2, 4]$</p>

Use the following relation to answer questions Q2.



Q2: Fill in the chart (3 marks)

Domain

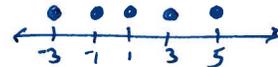
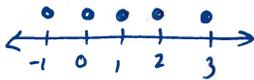
Range

x can be -1, 0, 1, 2, or 3.

Words

y can be -3, -1, 1, 3, or 5.

Number Line



List

$\{-1, 0, 1, 2, 3\}$

$\{-3, -1, 1, 3, 5\}$

MARKING:

- Beginning 0 - 3
- Progressing 3.5 - 4
- Competent 4.5 - 5.5
- Exemplary 6 - 7