

Name: \_\_\_\_\_

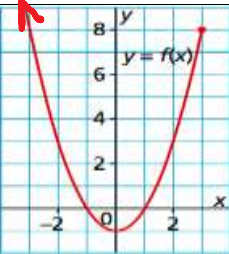
Date: \_\_\_\_\_ Block: \_\_\_\_\_

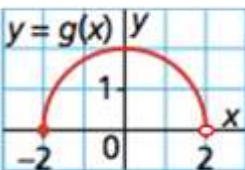
### 6.3 Domain and Range

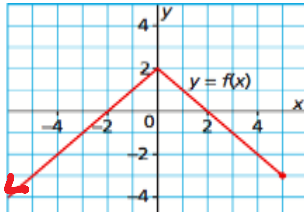
#### Vocabulary:

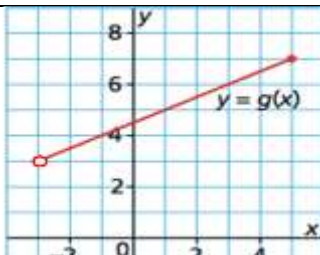
- **Domain:** the \_\_\_\_\_ of all possible values for the \_\_\_\_\_ variable
- **Range:** the \_\_\_\_\_ of all possible values for the \_\_\_\_\_ variable

Set Notation	Interval Notation

	DOMAIN	RANGE
	Set Notation	
	Interval Notation	

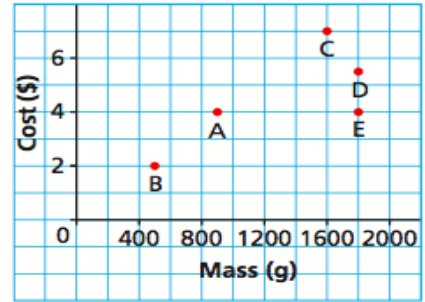
	DOMAIN	RANGE
	Set Notation	
	Interval Notation	

	DOMAIN	RANGE
	Set Notation	
	Interval Notation	

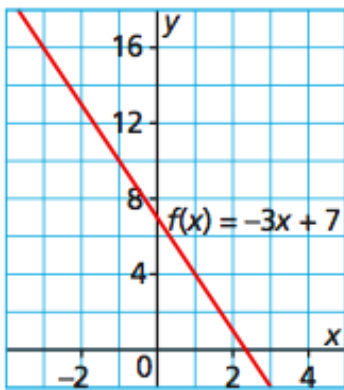
	DOMAIN	RANGE
	Set Notation	
	Interval Notation	

Example: Domain and range for discrete data

- A \_\_\_\_\_ is a useful way to give domain and range for discrete data
- $D = \{ \_, \_, \_, \_ \}$
- $R = \{ \_, \_, \_, \_ \}$



Example 3: Determining domain and range values from the graph of a function.



- Write the domain and range in set notation.
- Determine the range value when the domain value is -2.
- Determine the domain value when the range value is 4.

**HW:**

P. 301 # 2, 4, 5, 6, 7

**CH. 6 QUIZ NEXT WEEK**