

Name: _____

Date: _____

CC Algebra

Domain and Range

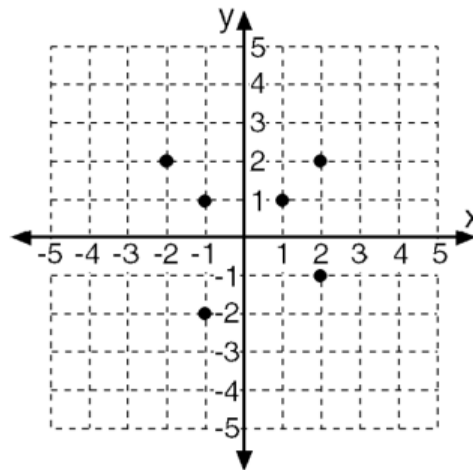
To find the domain and range for a discontinuous/discrete graph:

Use **set notation** and list all x-values (domain) and y-values (range)

1) State the Domain

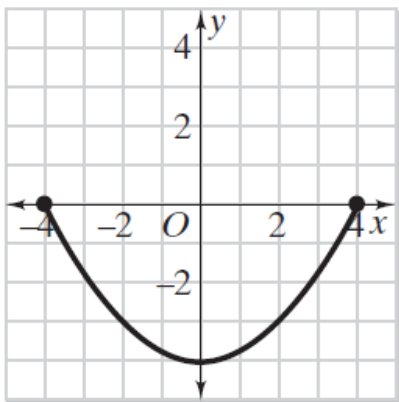
2) State the Range

3) Is the relation a function?



To find the domain and range for a continuous graph:

Use **inequalities** or **interval notation** to represent ALL x-values (domain) and ALL y-values (range)

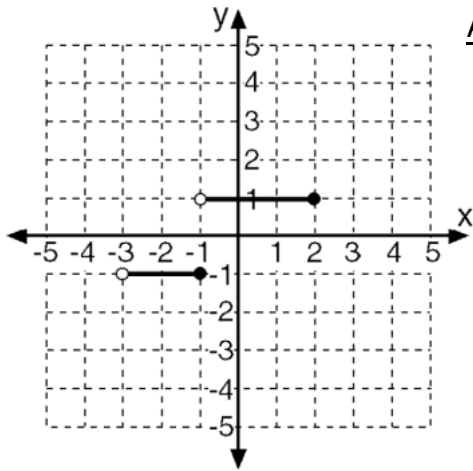


Domain:

Range:

To find the domain and range for a Step Function graph:

Use *inequalities* or *interval notation* to represent ALL x-values (domain) and ALL y-values (range)



Domain: _____

Range: _____

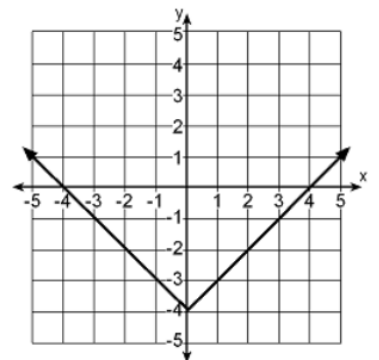
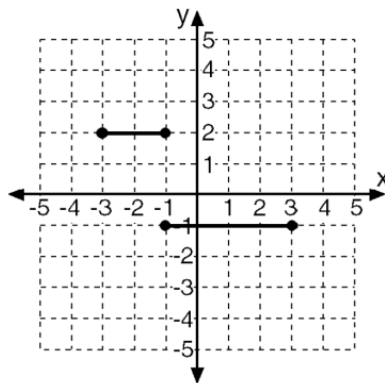
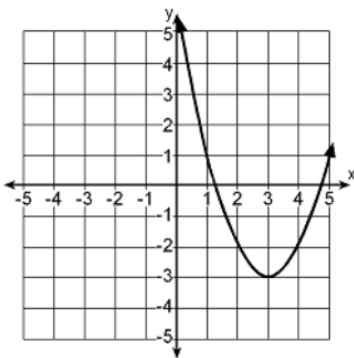
Practice

State the domain and range for each graph and then tell if the graph is a function (write yes or no).

1) Domain _____
 Range _____
 Function? _____

2) Domain _____
 Range _____
 Function? _____

3) Domain _____
 Range _____
 Function? _____



Name: _____

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CC Algebra

Domain and Range Homework

State the domain and range for each graph and then tell if the graph is a function (write yes or no).

1) Domain _____

2) Domain _____

3) Domain _____

Range _____

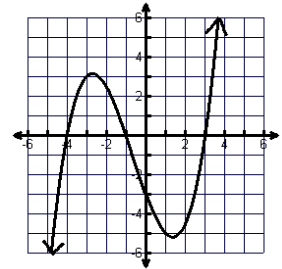
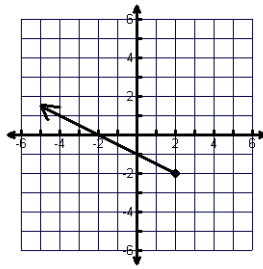
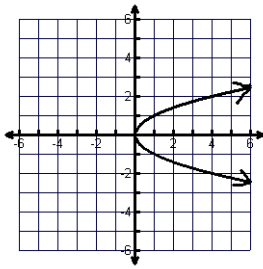
Range _____

Range _____

Function? _____

Function? _____

Function? _____



4) Domain _____

5) Domain _____

6) Domain _____

Range _____

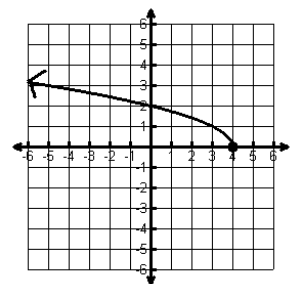
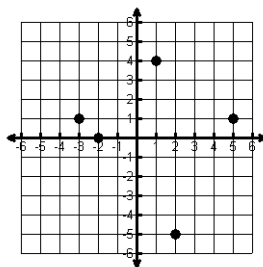
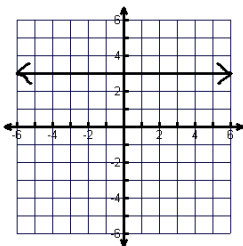
Range _____

Range _____

Function? _____

Function? _____

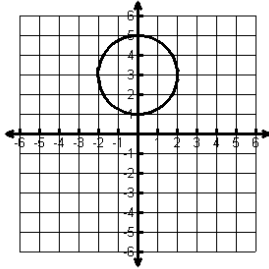
Function? _____



7) Domain _____

Range _____

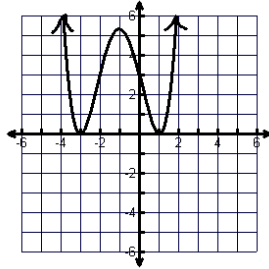
Function? _____



8) Domain _____

Range _____

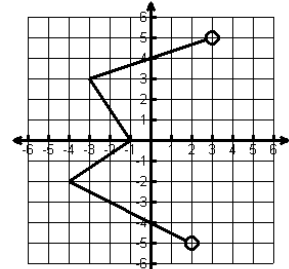
Function? _____



9) Domain _____

Range _____

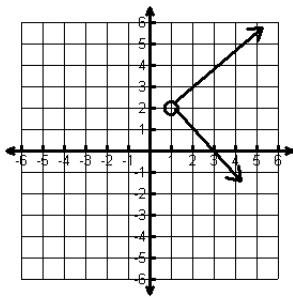
Function? _____



10) Domain _____

Range _____

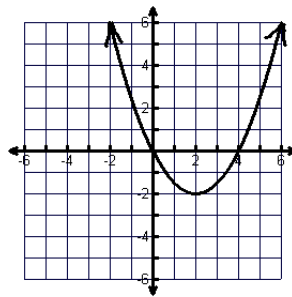
Function? _____



11) Domain _____

Range _____

Function? _____



12) Domain _____

Range _____

Function? _____

