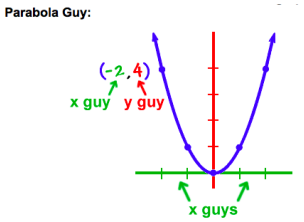
Name _____ Date _____ Period_____

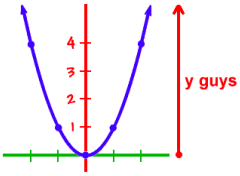
8.1 Domain and Range

1. To find your domain you look at your x's,



What do those arrows mean? How far to the left does this graph go? How far to the right?

To find your domain you look at your y's,

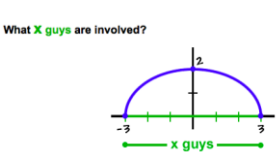


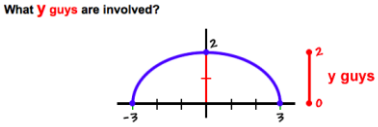
How low does this graph go? How high does this graph go?

2. Label the following domain or range, based on the pictures to the right.

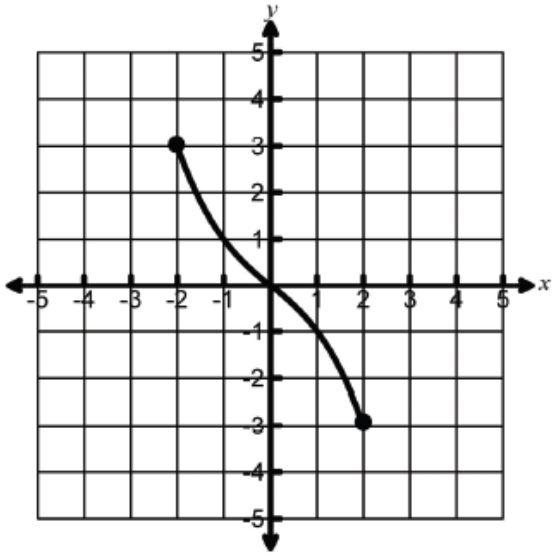
_____ [0, 2]

_____ [-3, 3]





3. Fill in the blanks to help guide you to the domain and range. **Circle** not included (open circle or parenthesis) or included (everything else… yes if there is a line or a filled in circle)



Domain:

Range:

Hint: What do the closed circles indicate?

Domain (x-values):

Left most value =____
Included or Not Included

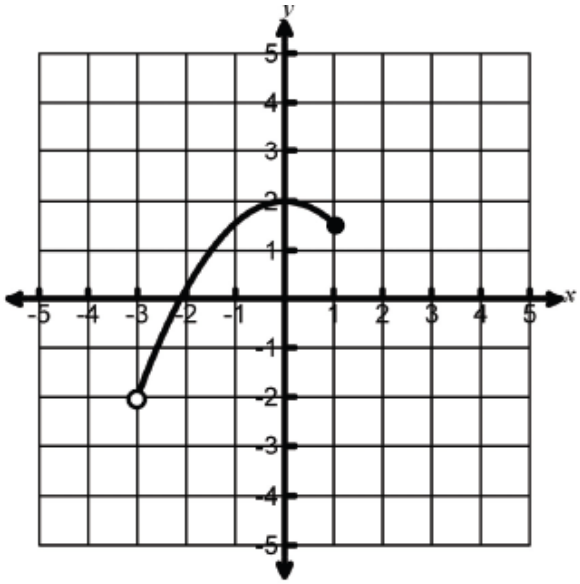
Right most value =___
Included or Not Included

Range (y-values):

Lowest value =____
Included or Not Included

Highest value =____
Included or Not Included

4.



Hint: What does the open circle indicate?

Domain (x-values):

Left most value =_____
Included or Not Included

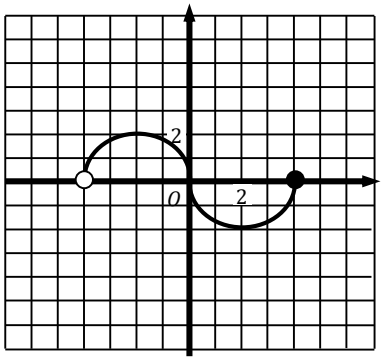
Right most value =____
Included or Not Included

Range (y-values):

Lowest value =_____
Included or Not Included

Highest value =_____
Included or Not Included

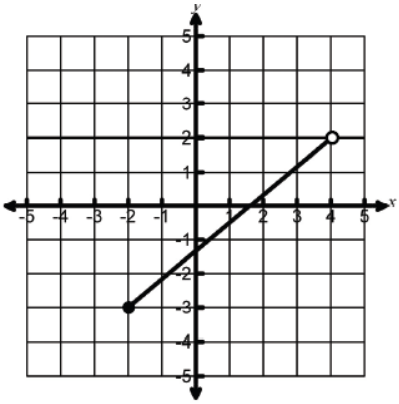
5.



D: _____

R: _____

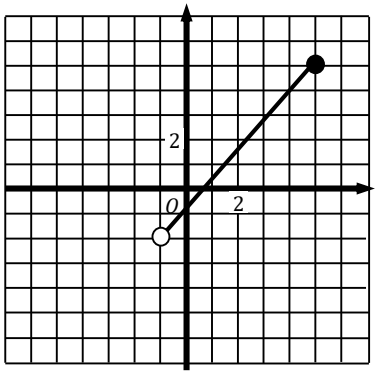
6.



D: _____

R: _____

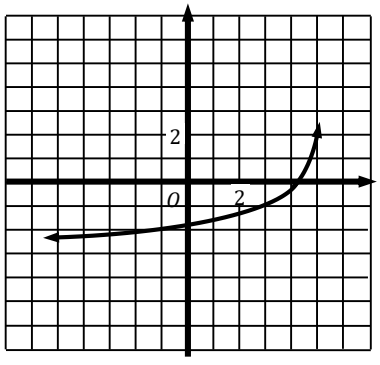
7.



D:_____

R:_____

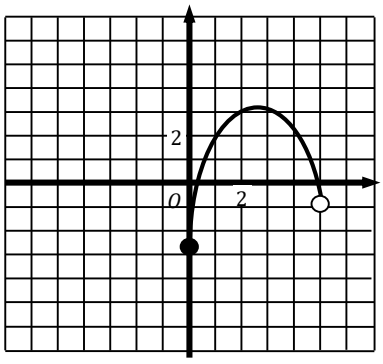
8.



D: _____

R: _____

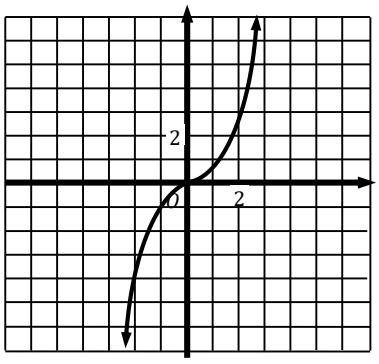
9.



D: _____

R: _____

10.



D:_____

R:_____