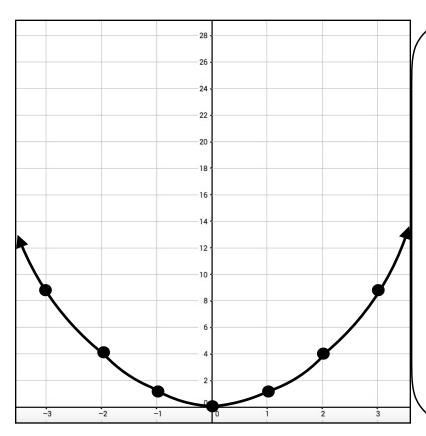
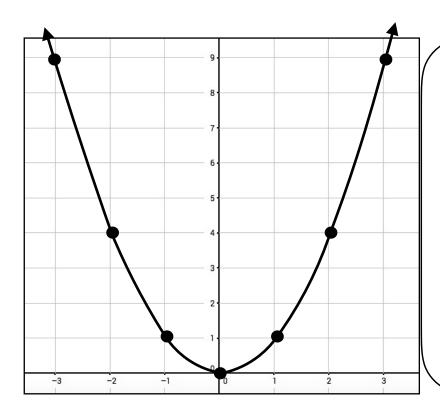
Math II



Observation #5 - What I observed

Going from f(x) to 2f(x) ....

- The parabola's shape got...
- All the Y-values of the parabola are \_ the amount of the original.



Observation #6 - What I observed

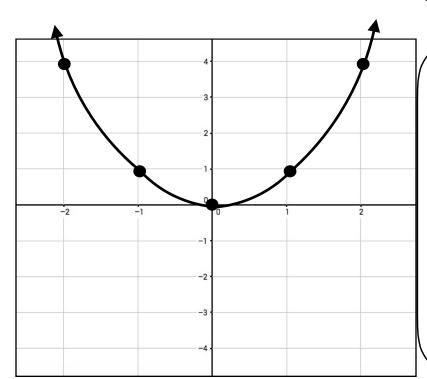
Going from f(x) to .5f(x) ....

• The parabola's shape got...

 All the <u>Y-values</u> of the parabola are \_ the amount of the original.

## Math II

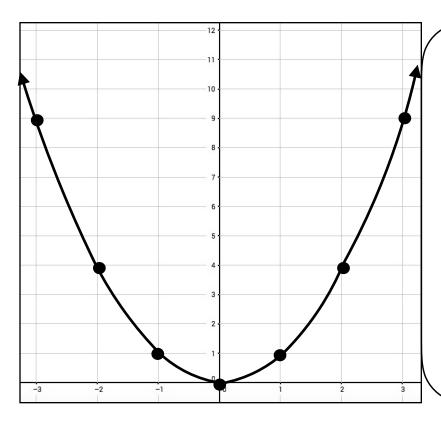
## Transformations Activity Part TWO



Observation #7 - What I observed

Going from f(x) to -f(x) ....

- The parabola's shape got...
- All the <u>Y-values</u> of the parabola are \_\_\_\_\_ the amount of the original.



Observation #8 - What I observed

Going from f(x) to f(2x) ....

• The parabola's shape got...

All the <u>X-values</u> of the parabola are \_\_\_\_\_
the amount of the original.

CAREFUL!!!!!