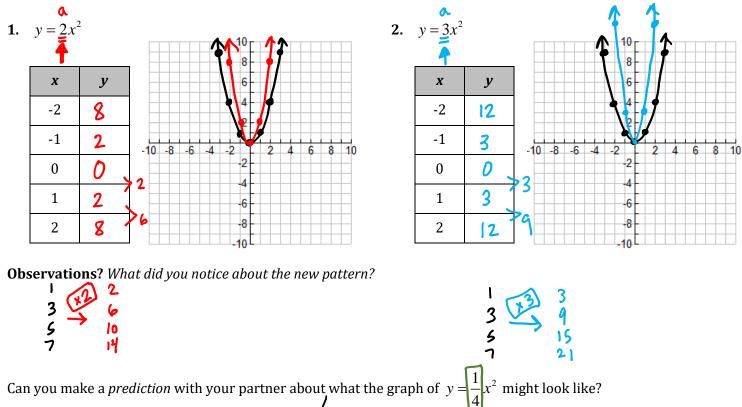


## Let's Explore!

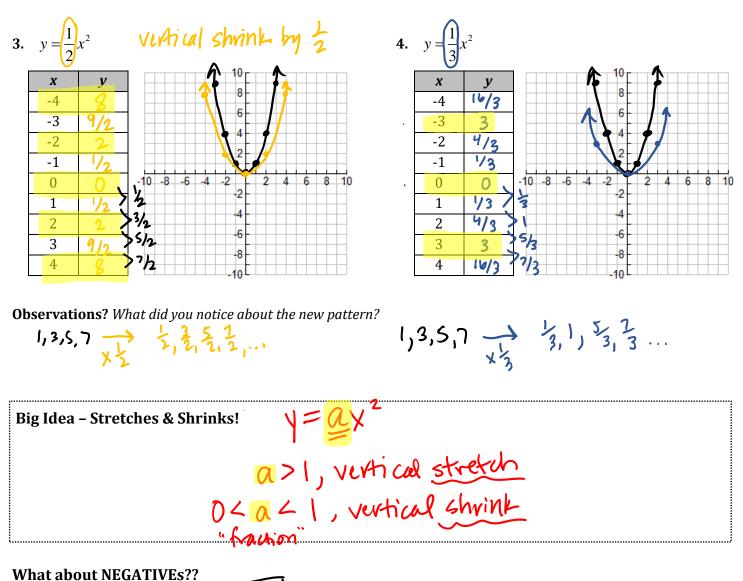
Graph the quadratic parent function  $y = x^2$  on each graph below. Then, complete the table and sketch the graph of the function noted.



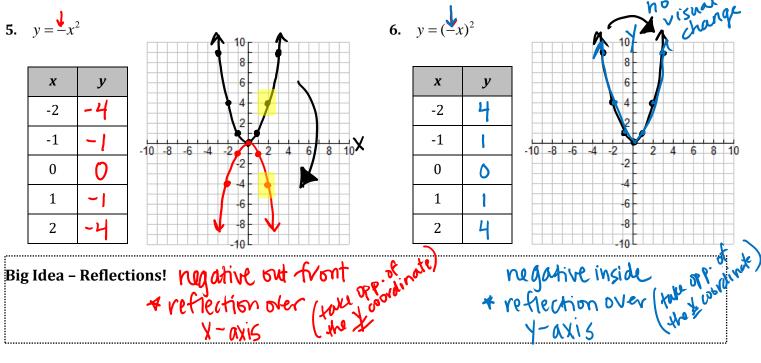
multiply by 4

1/4, 3/4, 5/4, 7/4 ....

original patters is 1 3,5,7



Graph the quadratic parent function  $y = x^2$  on each graph below. Then, complete the table and sketch the graph of the function noted.



## A bit of practice ...

Identify the transformations taking place on the parent function  $y = x^2$ . Then graph the transformed function. Use the *pattern* to help you graph. *Be mindful of the scale of each graph.* 

