

The Big Race Quiz

Comparing Equation/Function Types

Fill in the blank below to correctly label the equation.
Then complete the table below the equation to correctly represent the data from the equation.

_____ Equation : $y = 2x + 1$

x	y=x	y
-5		
-4		
-3		
-2		
-1		
0		
1		
2		
3		
4		
5		

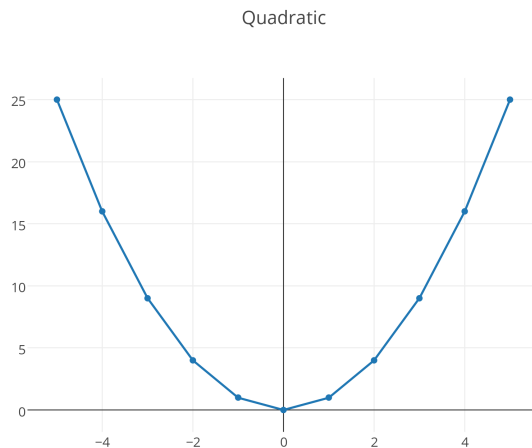
Fill in the data table below with the data generated by the equation below.

Quadratic Equation : $y = x^2$

x	$y = x^2$	y
-5		
-4		
-3		
-2		
-1		
0		
1		
2		
3		
4		

Fill in blanks to correctly represent the graph below.
Then fill in the table below the graph with the correct data from the graph.

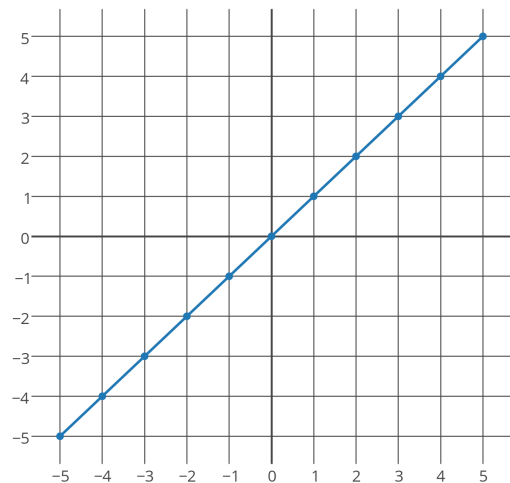
_____ Function : $f(x) =$ _____



x		y
-5		
-4		
-3		
-2		
-1		
0		
1		
2		
3		
4		

Label the function type below based on the graph below. Then fill in the data table.

_____ Function $f(x) = x$

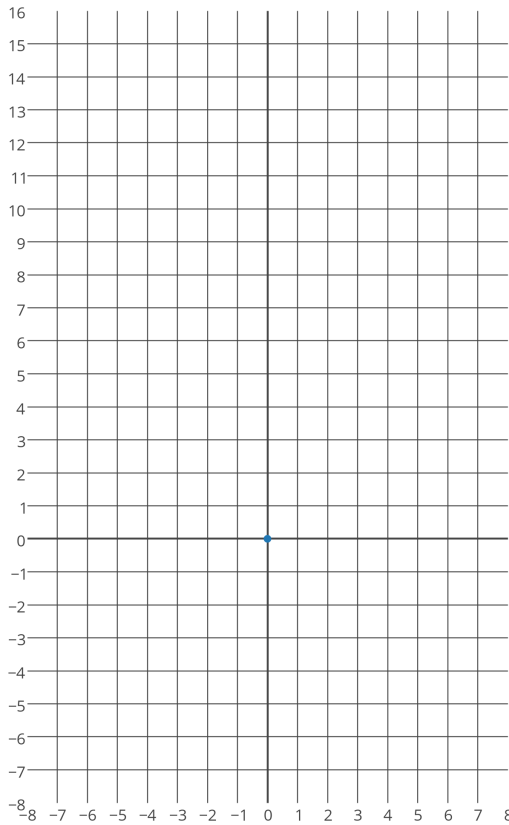


x		y
-5		
-4		
-3		
-2		
-1		
0		
1		
2		
3		
4		

Label the equation type below. Then fill in the table and the graph based on the equation.

_____ Equation : $y = 2^x$

x	$y = 2^x$	y
-5		
-4		
-3		
-2		
-1		
0		
1		
2		
3		
4		
5		



Create your own function of any type then label the function, fill in the data table below and graph the function on the graph below.

_____ Function _____

x		y

