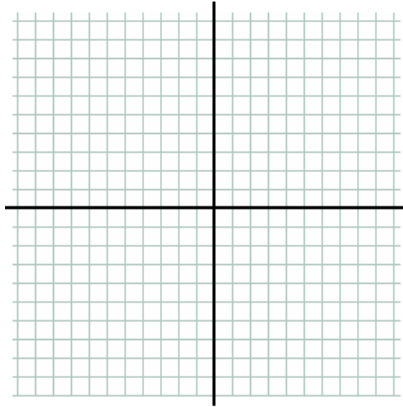


Parent Graphs

Cubic

$$f(x) = x^3$$

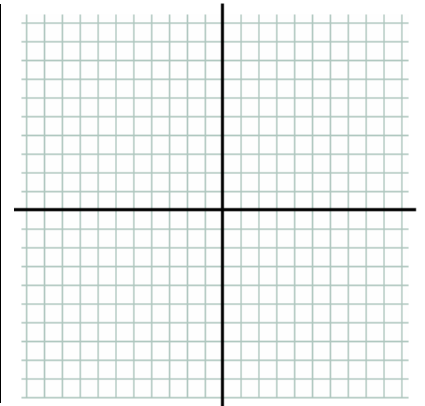
x	y
-3	
-2	
-1	
0	
1	
2	
3	



Square Root

$$f(x) = \sqrt{x}$$

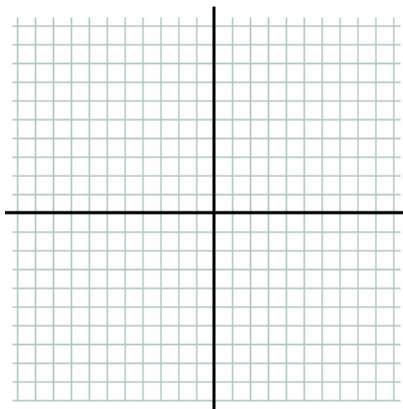
x	y
-3	
-2	
-1	
0	
1	
2	
3	



Inverse Variation

$$f(x) = \frac{1}{x}$$

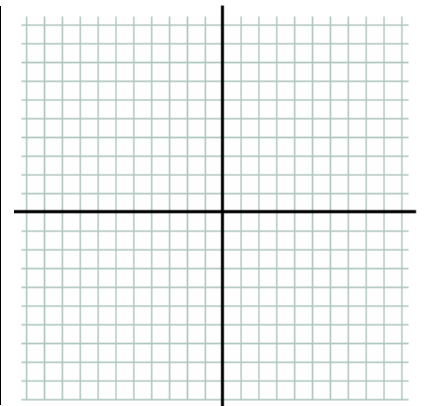
x	y
-3	
-2	
-1	
0	
1	
2	
3	



Inverse Square

$$f(x) = \frac{1}{x^2}$$

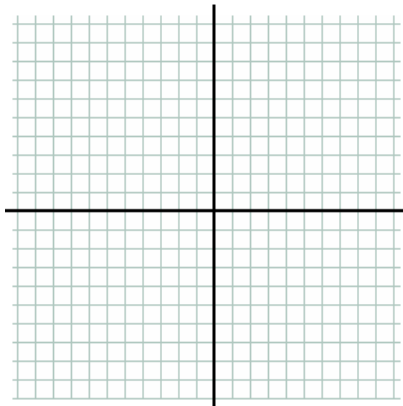
x	y
-3	
-2	
-1	
0	
1	
2	
3	



Absolute Value

$$f(x) = |x|$$

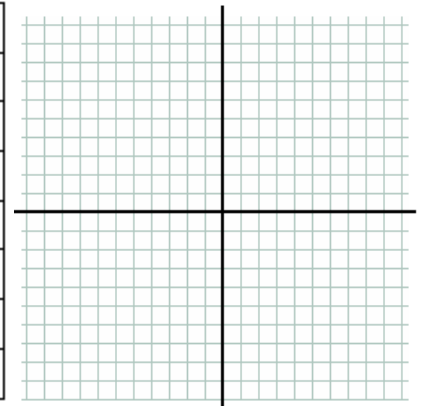
x	y
-3	
-2	
-1	
0	
1	
2	
3	



Exponential Growth

$$f(x) = 2^x$$

x	y
-3	
-2	
-1	
0	
1	
2	
3	



Transformations to Parent Graphs

Types of Transformations	What Happens to the Graph with Each Action
Reflections 1. _____ 2. _____	
Translations 1. _____ 2. _____ 3. _____ 4. _____	
Dilations 1. _____ 2. _____	