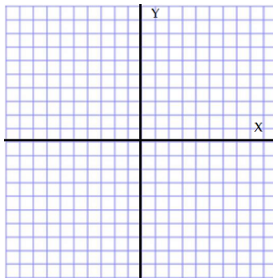
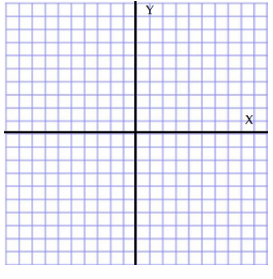
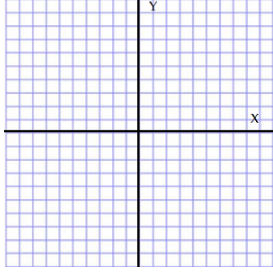
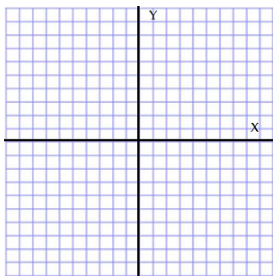
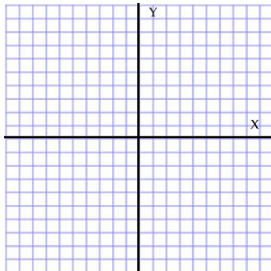
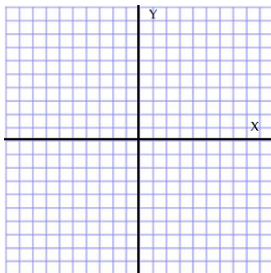
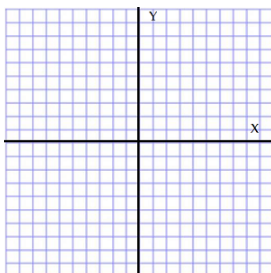
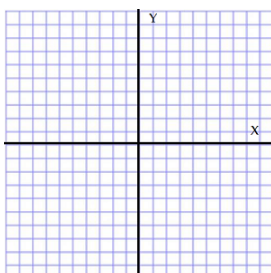


Parent Functions Chart

Name: _____ Per: _____

Name of Parent Function	Graph of Parent Function	Table of Values for Parent Function	Parent Function Equation and Graphing Form	Description of “locator point” and Special Features	Domain and Range														
Linear Function		<table><tr><td>x</td><td> y </td></tr><tr><td>-2</td><td>_____</td></tr><tr><td>-1</td><td>_____</td></tr><tr><td>0</td><td>_____</td></tr><tr><td>1</td><td>_____</td></tr><tr><td>2</td><td>_____</td></tr><tr><td>3</td><td>_____</td></tr></table>	x	y	-2	_____	-1	_____	0	_____	1	_____	2	_____	3	_____			
x	y																		
-2	_____																		
-1	_____																		
0	_____																		
1	_____																		
2	_____																		
3	_____																		
Quadratic Function		<table><tr><td>x</td><td> y </td></tr><tr><td>-2</td><td>_____</td></tr><tr><td>-1</td><td>_____</td></tr><tr><td>0</td><td>_____</td></tr><tr><td>1</td><td>_____</td></tr><tr><td>2</td><td>_____</td></tr><tr><td>3</td><td>_____</td></tr></table>	x	y	-2	_____	-1	_____	0	_____	1	_____	2	_____	3	_____			
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-2	_____																		
-1	_____																		
0	_____																		
1	_____																		
2	_____																		
3	_____																		
Cubic Function		<table><tr><td>x</td><td> y </td></tr><tr><td>-2</td><td>_____</td></tr><tr><td>-1</td><td>_____</td></tr><tr><td>0</td><td>_____</td></tr><tr><td>1</td><td>_____</td></tr><tr><td>2</td><td>_____</td></tr><tr><td>3</td><td>_____</td></tr></table>	x	y	-2	_____	-1	_____	0	_____	1	_____	2	_____	3	_____			
x	y																		
-2	_____																		
-1	_____																		
0	_____																		
1	_____																		
2	_____																		
3	_____																		
Absolute Value Function		<table><tr><td>x</td><td> y </td></tr><tr><td>-2</td><td>_____</td></tr><tr><td>-1</td><td>_____</td></tr><tr><td>0</td><td>_____</td></tr><tr><td>1</td><td>_____</td></tr><tr><td>2</td><td>_____</td></tr><tr><td>3</td><td>_____</td></tr></table>	x	y	-2	_____	-1	_____	0	_____	1	_____	2	_____	3	_____			
x	y																		
-2	_____																		
-1	_____																		
0	_____																		
1	_____																		
2	_____																		
3	_____																		

Name of Parent Function	Graph of Parent Function	Table of Values for Parent Function	Parent Function Equation and Graphing Form	Description of “locator point” and Special Features	Domain and Range														
Square Root Function		<table><tr><td>x</td><td> y </td></tr><tr><td>-2</td><td>-----</td></tr><tr><td>-1</td><td>-----</td></tr><tr><td>0</td><td>-----</td></tr><tr><td>1</td><td>-----</td></tr><tr><td>2</td><td>-----</td></tr><tr><td>3</td><td>-----</td></tr></table>	x	y	-2	-----	-1	-----	0	-----	1	-----	2	-----	3	-----			
x	y																		
-2	-----																		
-1	-----																		
0	-----																		
1	-----																		
2	-----																		
3	-----																		
Reciprocal Function		<table><tr><td>x</td><td> y </td></tr><tr><td>-2</td><td>-----</td></tr><tr><td>-1</td><td>-----</td></tr><tr><td>0</td><td>-----</td></tr><tr><td>1</td><td>-----</td></tr><tr><td>2</td><td>-----</td></tr><tr><td>3</td><td>-----</td></tr></table>	x	y	-2	-----	-1	-----	0	-----	1	-----	2	-----	3	-----			
x	y																		
-2	-----																		
-1	-----																		
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1	-----																		
2	-----																		
3	-----																		
Exponential Function (Using 2 as the base)		<table><tr><td>x</td><td> y </td></tr><tr><td>-2</td><td>-----</td></tr><tr><td>-1</td><td>-----</td></tr><tr><td>0</td><td>-----</td></tr><tr><td>1</td><td>-----</td></tr><tr><td>2</td><td>-----</td></tr><tr><td>3</td><td>-----</td></tr></table>	x	y	-2	-----	-1	-----	0	-----	1	-----	2	-----	3	-----			
x	y																		
-2	-----																		
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0	-----																		
1	-----																		
2	-----																		
3	-----																		
Cube Root Function		<table><tr><td>x</td><td> y </td></tr><tr><td>-2</td><td>-----</td></tr><tr><td>-1</td><td>-----</td></tr><tr><td>0</td><td>-----</td></tr><tr><td>1</td><td>-----</td></tr><tr><td>2</td><td>-----</td></tr><tr><td>3</td><td>-----</td></tr></table>	x	y	-2	-----	-1	-----	0	-----	1	-----	2	-----	3	-----			
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