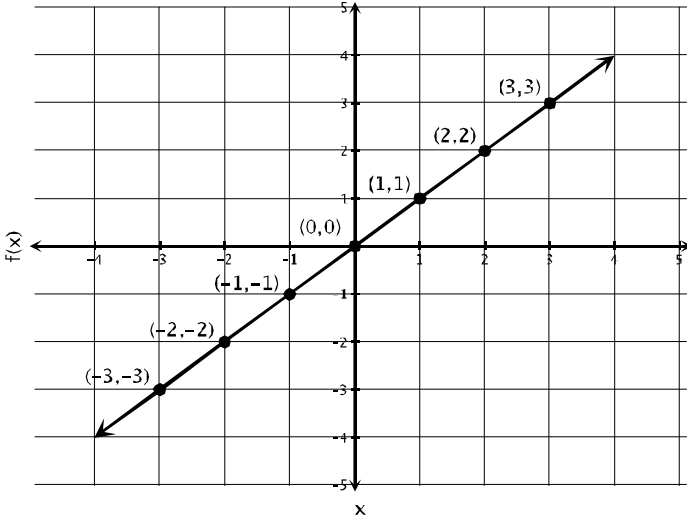
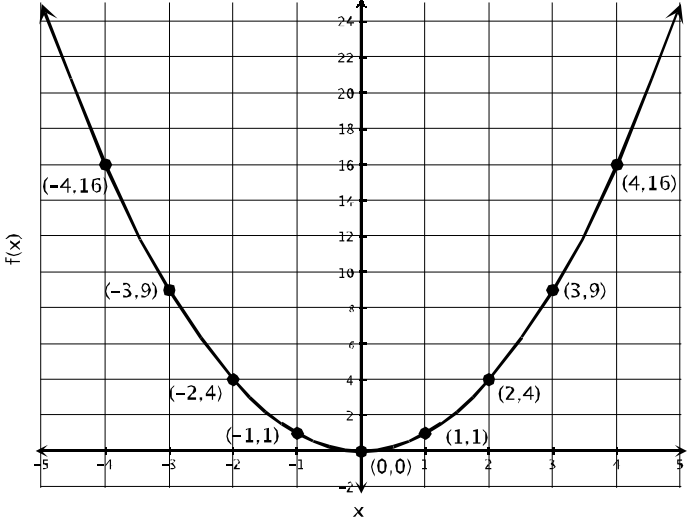
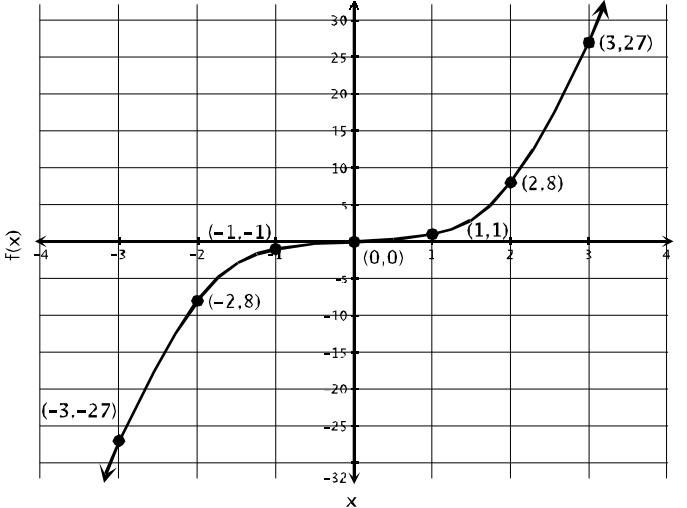
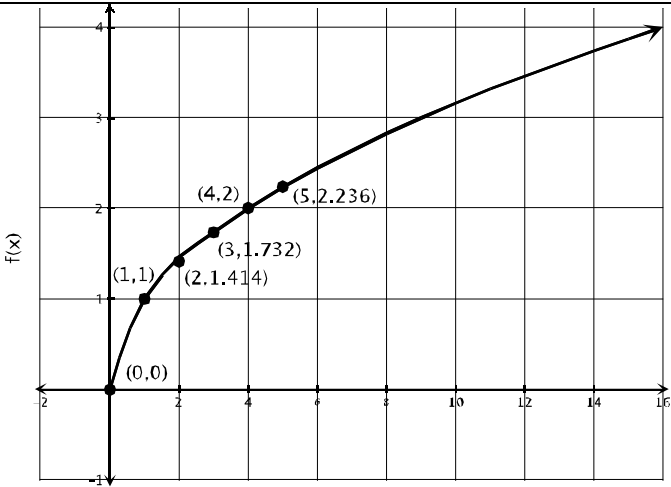
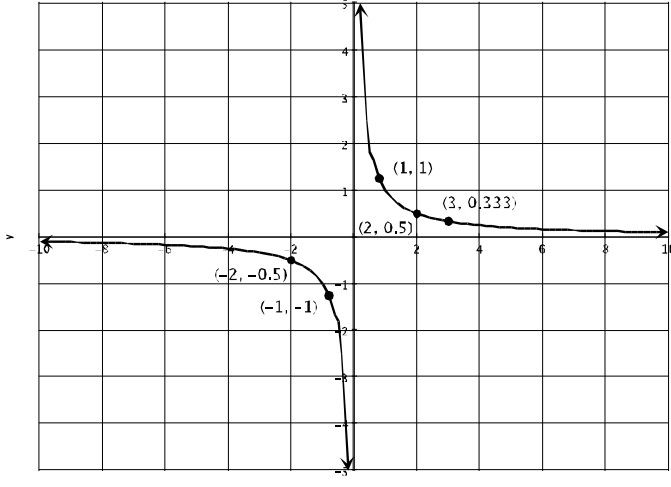
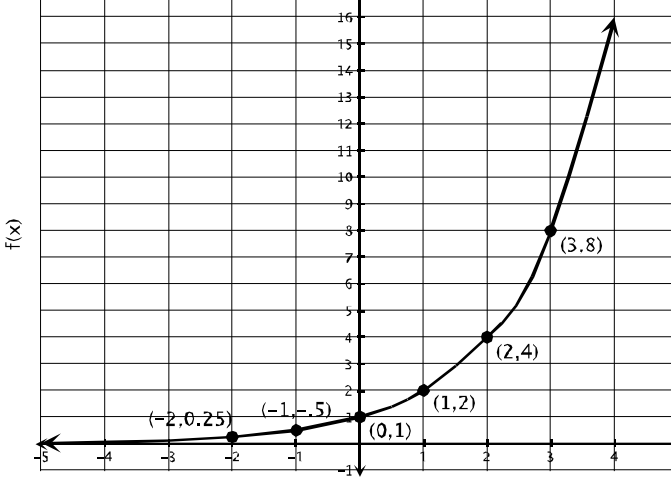


Function	Table	Graph																
Linear $f(x) = x$	<table border="1" data-bbox="500 285 643 613"> <thead> <tr> <th>x</th> <th>f(x)</th> </tr> </thead> <tbody> <tr><td>-3</td><td>-3</td></tr> <tr><td>-2</td><td>-2</td></tr> <tr><td>-1</td><td>-1</td></tr> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> </tbody> </table>	x	f(x)	-3	-3	-2	-2	-1	-1	0	0	1	1	2	2	3	3	
x	f(x)																	
-3	-3																	
-2	-2																	
-1	-1																	
0	0																	
1	1																	
2	2																	
3	3																	
Quadratic $f(x) = x^2$	<table border="1" data-bbox="500 810 643 1138"> <thead> <tr> <th>x</th> <th>f(x)</th> </tr> </thead> <tbody> <tr><td>-3</td><td>9</td></tr> <tr><td>-2</td><td>4</td></tr> <tr><td>-1</td><td>1</td></tr> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>4</td></tr> <tr><td>3</td><td>9</td></tr> </tbody> </table>	x	f(x)	-3	9	-2	4	-1	1	0	0	1	1	2	4	3	9	
x	f(x)																	
-3	9																	
-2	4																	
-1	1																	
0	0																	
1	1																	
2	4																	
3	9																	
Cubic $f(x) = x^3$	<table border="1" data-bbox="500 1335 643 1587"> <thead> <tr> <th>x</th> <th>f(x)</th> </tr> </thead> <tbody> <tr><td>-2</td><td>-8</td></tr> <tr><td>-1</td><td>-1</td></tr> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>8</td></tr> </tbody> </table>	x	f(x)	-2	-8	-1	-1	0	0	1	1	2	8					
x	f(x)																	
-2	-8																	
-1	-1																	
0	0																	
1	1																	
2	8																	

<p>Square Root $f(x) = \sqrt{x}$</p>	<table border="1"> <thead> <tr> <th>x</th> <th>f(x)</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> </tr> <tr> <td>1</td> <td>1</td> </tr> <tr> <td>2</td> <td>1.414</td> </tr> <tr> <td>3</td> <td>1.732</td> </tr> <tr> <td>4</td> <td>2</td> </tr> <tr> <td>5</td> <td>2.236</td> </tr> </tbody> </table>	x	f(x)	0	0	1	1	2	1.414	3	1.732	4	2	5	2.236	
x	f(x)															
0	0															
1	1															
2	1.414															
3	1.732															
4	2															
5	2.236															
<p>Reciprocal $f(x) = \frac{1}{x}$</p>	<table border="1"> <thead> <tr> <th>x</th> <th>f(x)</th> </tr> </thead> <tbody> <tr> <td>-2</td> <td>-0.5</td> </tr> <tr> <td>-1</td> <td>-1</td> </tr> <tr> <td>0</td> <td>undefined</td> </tr> <tr> <td>1</td> <td>1</td> </tr> <tr> <td>2</td> <td>0.5</td> </tr> <tr> <td>3</td> <td>0.333</td> </tr> </tbody> </table>	x	f(x)	-2	-0.5	-1	-1	0	undefined	1	1	2	0.5	3	0.333	
x	f(x)															
-2	-0.5															
-1	-1															
0	undefined															
1	1															
2	0.5															
3	0.333															
<p>Exponential (increasing) $f(x) = 2^x$</p>	<table border="1"> <thead> <tr> <th>x</th> <th>f(x)</th> </tr> </thead> <tbody> <tr> <td>-2</td> <td>0.25</td> </tr> <tr> <td>-1</td> <td>0.5</td> </tr> <tr> <td>0</td> <td>1</td> </tr> <tr> <td>1</td> <td>2</td> </tr> <tr> <td>2</td> <td>4</td> </tr> <tr> <td>3</td> <td>8</td> </tr> </tbody> </table>	x	f(x)	-2	0.25	-1	0.5	0	1	1	2	2	4	3	8	
x	f(x)															
-2	0.25															
-1	0.5															
0	1															
1	2															
2	4															
3	8															

<p>Exponential (decreasing) $f(x) = 0.5^x$</p>	<table border="1"> <thead> <tr> <th>x</th> <th>f(x)</th> </tr> </thead> <tbody> <tr> <td>-3</td> <td>8</td> </tr> <tr> <td>-2</td> <td>4</td> </tr> <tr> <td>-1</td> <td>2</td> </tr> <tr> <td>0</td> <td>1</td> </tr> <tr> <td>1</td> <td>0.5</td> </tr> <tr> <td>2</td> <td>0.25</td> </tr> </tbody> </table>	x	f(x)	-3	8	-2	4	-1	2	0	1	1	0.5	2	0.25			
x	f(x)																	
-3	8																	
-2	4																	
-1	2																	
0	1																	
1	0.5																	
2	0.25																	
<p>Step (floor) $f(x) = \lfloor x \rfloor$</p>	<table border="1"> <thead> <tr> <th>x</th> <th>f(x)</th> </tr> </thead> <tbody> <tr> <td>-3</td> <td>-3</td> </tr> <tr> <td>-2</td> <td>-2</td> </tr> <tr> <td>-1</td> <td>-1</td> </tr> <tr> <td>0</td> <td>0</td> </tr> <tr> <td>1</td> <td>1</td> </tr> <tr> <td>2</td> <td>2</td> </tr> <tr> <td>3</td> <td>3</td> </tr> </tbody> </table>	x	f(x)	-3	-3	-2	-2	-1	-1	0	0	1	1	2	2	3	3	
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-3	-3																	
-2	-2																	
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0	0																	
1	1																	
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<p>Absolute Value $f(x) = x$</p>	<table border="1"> <thead> <tr> <th>x</th> <th>f(x)</th> </tr> </thead> <tbody> <tr> <td>-3</td> <td>3</td> </tr> <tr> <td>-2</td> <td>2</td> </tr> <tr> <td>-1</td> <td>-1</td> </tr> <tr> <td>0</td> <td>0</td> </tr> <tr> <td>1</td> <td>1</td> </tr> <tr> <td>2</td> <td>2</td> </tr> <tr> <td>3</td> <td>3</td> </tr> </tbody> </table>	x	f(x)	-3	3	-2	2	-1	-1	0	0	1	1	2	2	3	3	
x	f(x)																	
-3	3																	
-2	2																	
-1	-1																	
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