<table>
<thead>
<tr>
<th>Figure</th>
<th>Function</th>
<th>Domain</th>
<th>Range</th>
<th>Interval of Increase</th>
<th>Interval of Decrease</th>
<th>Concave Up</th>
<th>Concave Down</th>
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<tbody>
<tr>
<td>Figure 1: Graph of $y = f(x)$</td>
<td>$f(x) = 1$</td>
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<td>Figure 2: Graph of $y = f(x)$</td>
<td>$f(x) = x$</td>
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<td>Figure 3: Graph of $y = f(x)$</td>
<td>$f(x) = x^2$</td>
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<td>Figure 4: Graph of $y = f(x)$</td>
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| Figure 5: Graph of $y = f(x)$ | Function: $f(x) = \sqrt{x}$  
Domain:  
Range:  
Interval of Increase:  
Interval of Decrease:  
Concave Up:  
Concave Down: |
| Figure 6: Graph of $y = f(x)$ | Function: $f(x) = \sqrt[3]{x}$  
Domain:  
Range:  
Interval of Increase:  
Interval of Decrease:  
Concave Up:  
Concave Down: |
| Figure 7: Graph of $y = f(x)$ | Function: $f(x) = \frac{1}{x}$  
Domain:  
Range:  
Interval of Increase:  
Interval of Decrease:  
Concave Up:  
Concave Down: |
| Figure 8: Graph of $y = f(x)$ | Function: $f(x) = |x|$  
Domain:  
Range:  
Interval of Increase:  
Interval of Decrease:  
Concave Up:  
Concave Down: |