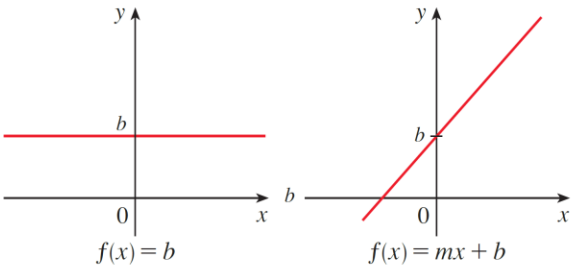
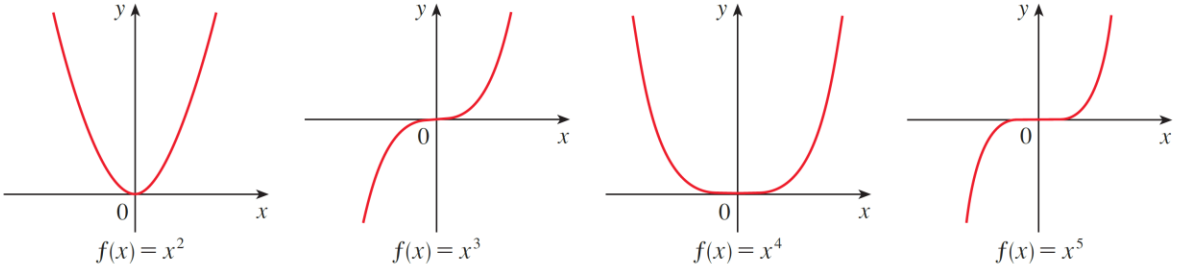
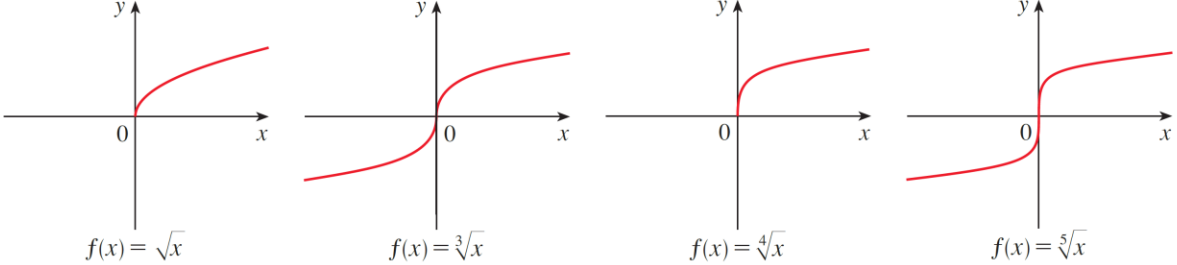
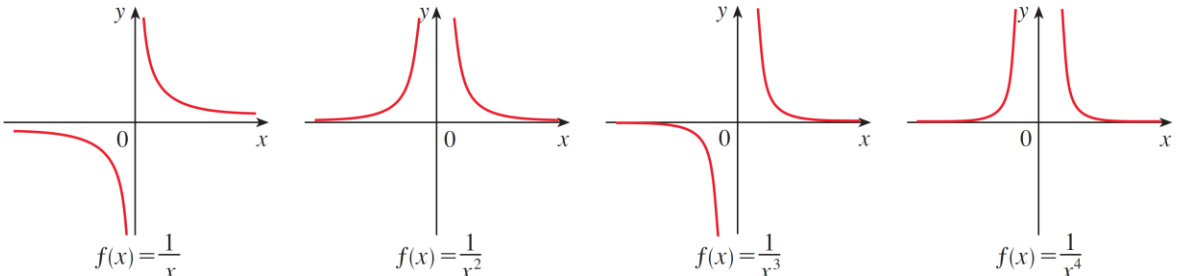
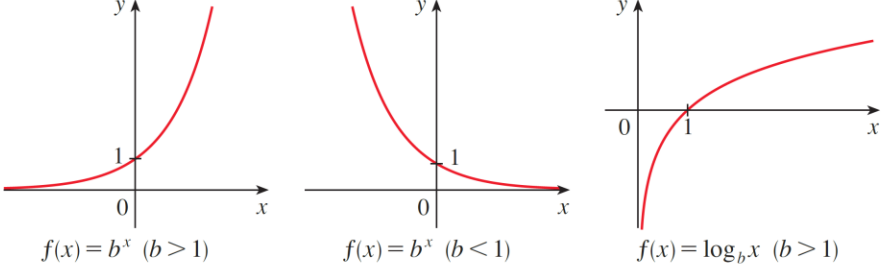


**Table 3 Families of Essential Functions and Their Graphs**

<p><b>Linear Functions</b>  <math>f(x) = mx + b</math></p>				
<p><b>Power Functions</b>  <math>f(x) = x^n</math></p>				
<p><b>Root Functions</b>  <math>f(x) = \sqrt[n]{x}</math></p>				
<p><b>Reciprocal Functions</b>  <math>f(x) = \frac{1}{x^n}</math></p>				
<p><b>Exponential and Logarithmic Functions</b>  <math>f(x) = b^x</math>  <math>f(x) = \log_b x</math></p>				
<p><b>Trigonometric Functions</b>  <math>f(x) = \sin x</math>  <math>f(x) = \cos x</math>  <math>f(x) = \tan x</math></p>	