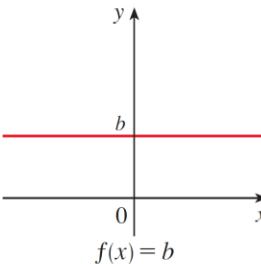
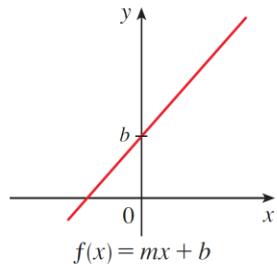
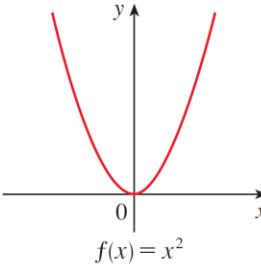
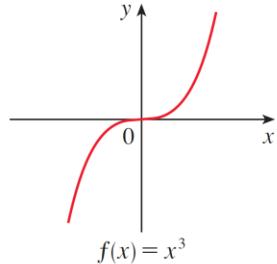
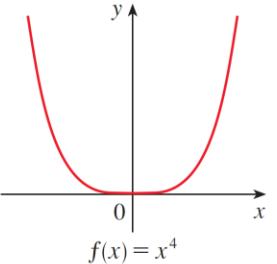
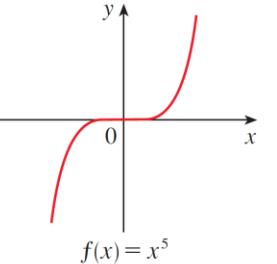
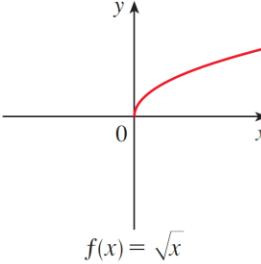
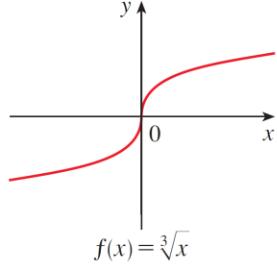
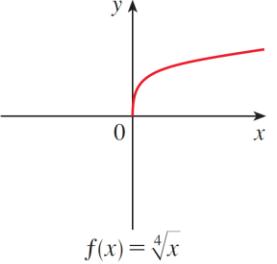
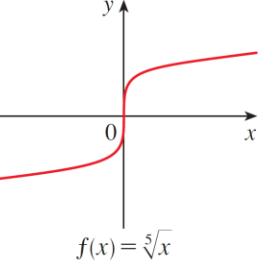
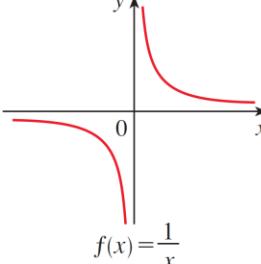
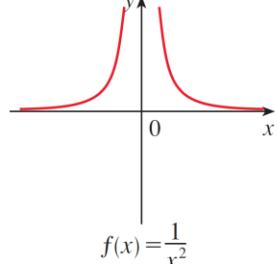
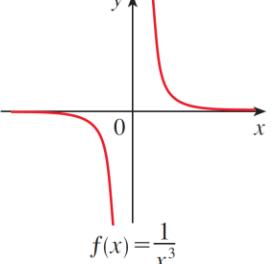
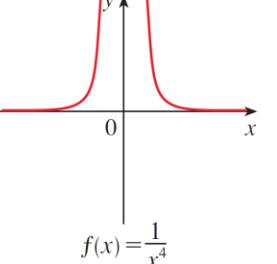
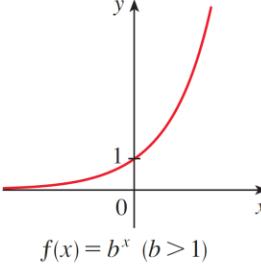
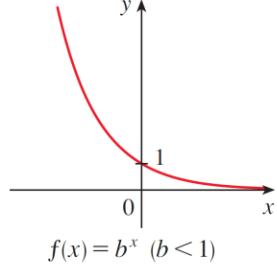
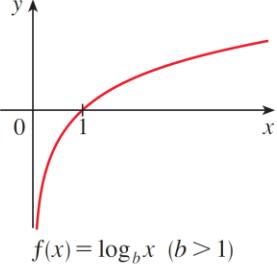
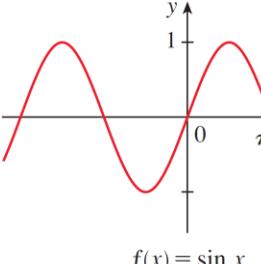
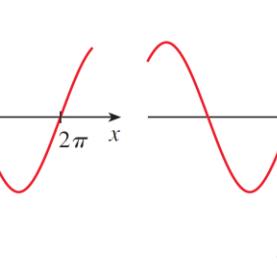
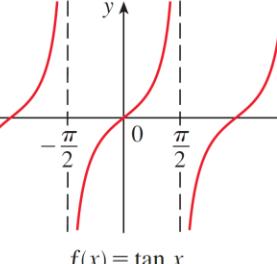


Table 3 Families of Essential Functions and Their Graphs

Linear Functions $f(x) = mx + b$	 $f(x) = b$	 $f(x) = mx + b$		
Power Functions $f(x) = x^n$	 $f(x) = x^2$	 $f(x) = x^3$	 $f(x) = x^4$	 $f(x) = x^5$
Root Functions $f(x) = \sqrt[n]{x}$	 $f(x) = \sqrt{x}$	 $f(x) = \sqrt[3]{x}$	 $f(x) = \sqrt[4]{x}$	 $f(x) = \sqrt[5]{x}$
Reciprocal Functions $f(x) = \frac{1}{x^n}$	 $f(x) = \frac{1}{x}$	 $f(x) = \frac{1}{x^2}$	 $f(x) = \frac{1}{x^3}$	 $f(x) = \frac{1}{x^4}$
Exponential and Logarithmic Functions $f(x) = b^x$ $f(x) = \log_b x$	 $f(x) = b^x \ (b > 1)$	 $f(x) = b^x \ (b < 1)$	 $f(x) = \log_b x \ (b > 1)$	
Trigonometric Functions $f(x) = \sin x$ $f(x) = \cos x$ $f(x) = \tan x$	 $f(x) = \sin x$	 $f(x) = \cos x$	 $f(x) = \tan x$	