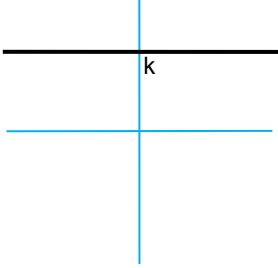
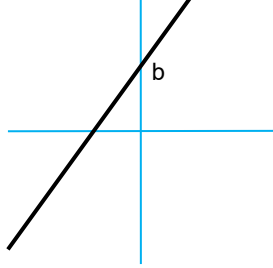
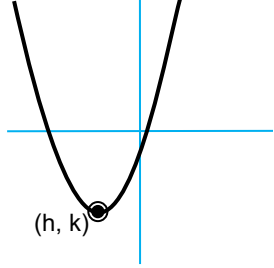
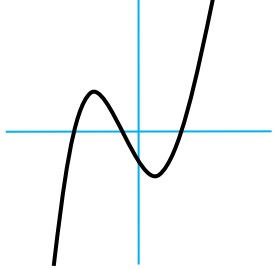
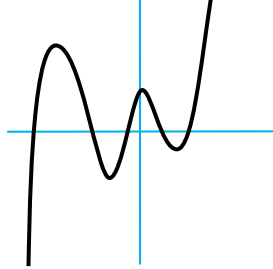
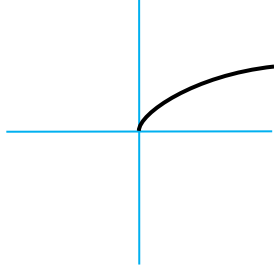
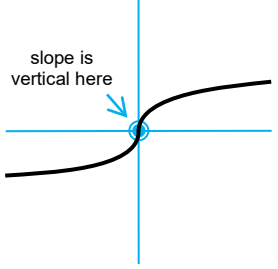
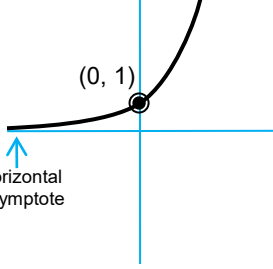
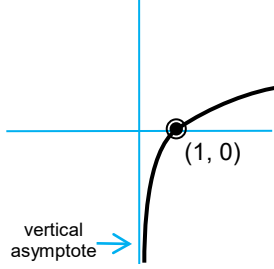
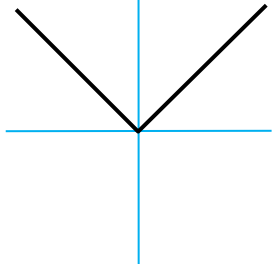
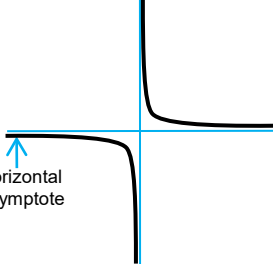
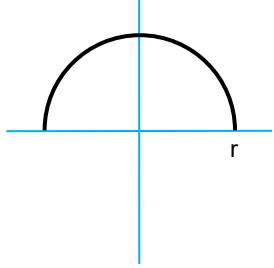




Essentials of Pre-Calc 1

A Library of Functions

 <p>Constant function $y = k$</p>	 <p>Linear function $y = mx + b$</p>	 <p>Quadratic function $y = ax^2 + bx + c = a(x - h)^2 + k$</p>
 <p>Cubic function $y = ax^3 + bx^2 + cx + d$</p>	 <p>Polynomial function nth degree \rightarrow $n-1$ local max/min</p>	 <p>Square Root function $y = \sqrt{x} \ (x \geq 0)$</p>
 <p>Cube Root function $y = \sqrt[3]{x}$</p>	 <p>Exponential function $y = a^x$</p>	 <p>Logarithmic function $y = \log_a x \ (a, x > 0)$</p>
 <p>Absolute Value function $y = x$</p>	 <p>Reciprocal function $y = 1/x$</p>	 <p>Distance function $y = \sqrt{r^2 - x^2}$</p>



