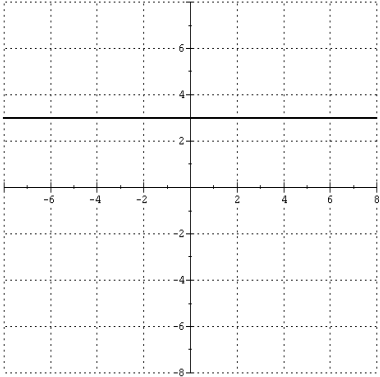
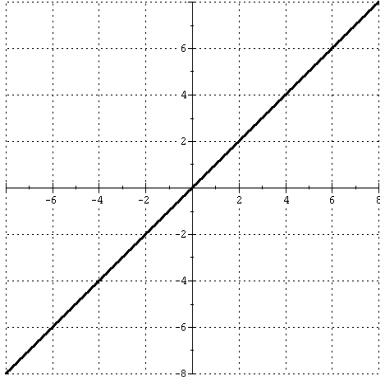
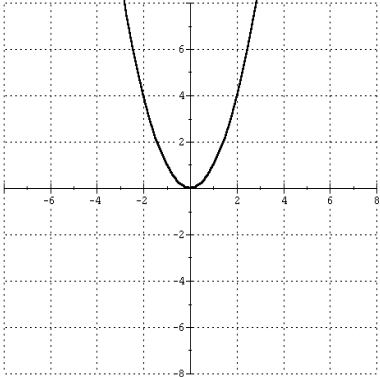
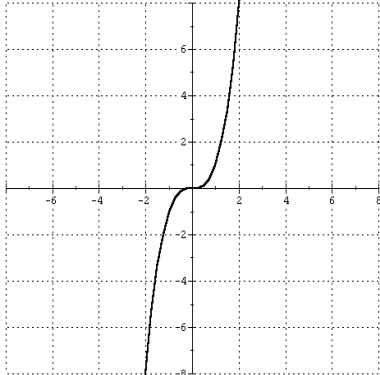


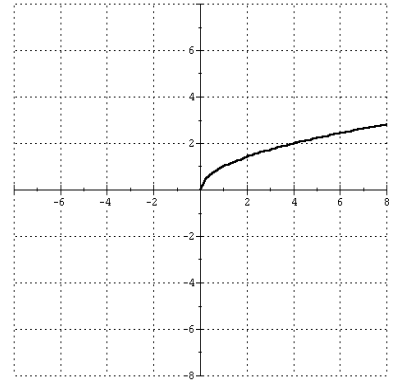
FUNCTION LIBRARY

You will need to be familiar with the following set of functions:

<u>Name of function</u>	<u>Typical family member</u>	<u>Typical graph</u>
1. Constant function	$f(x) = c$	
2. Linear function	$f(x) = x$	
3. Squaring function	$f(x) = x^2$	
4. Cubic function	$f(x) = x^3$	

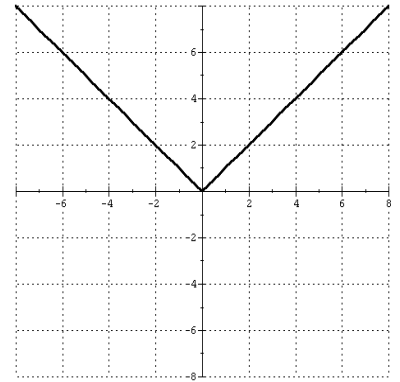
5. Square root function

$$f(x) = \sqrt{x}$$



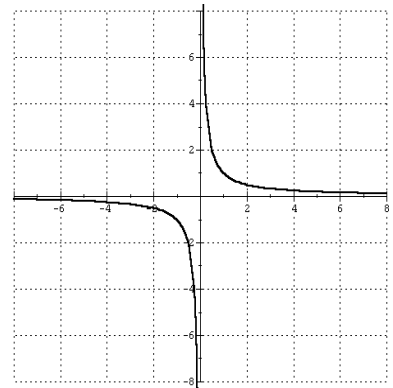
6. Absolute value function

$$f(x) = |x|$$



7. Reciprocal function

$$f(x) = \frac{1}{x}$$



8. Greatest Integer function

$$f(x) = \llbracket x \rrbracket$$

