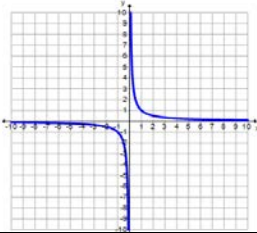
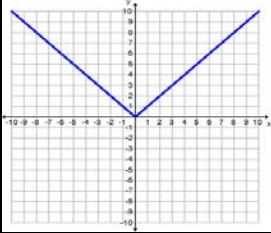
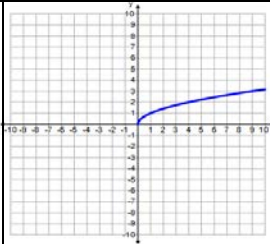
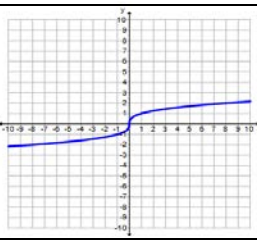

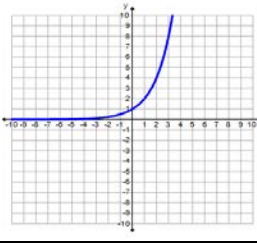
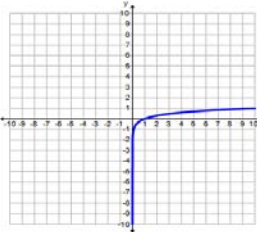


Seven Parent Functions for Algebra 2

Graph	Function Type	Equation	Domain	Range

Seven Parent Functions for Algebra 2

	Rational Function	{all real numbers}	{all real numbers but $x \neq 0$}	
Cubic Function	{ $x \geq 0$ }		{all real numbers}	{all real numbers}
	Cubic Root Function	$y = \sqrt[3]{x}$	{all real numbers}	$y = \frac{1}{x}$
$y = \log_b x$	{ $y > 0$ }	Logarithmic Function $y = \sqrt{x}$		{ $y \geq 0$ }
{all real numbers but $y \neq 0$}	Absolute Value Function	$y = x $	{all real numbers}	{ $y \geq 0$ }
	{all real numbers}	$y = b^x$	{all real numbers}	Radical Function
	$y = \sqrt{x}$	$y = x^3$	{ $x > 0$ }	Exponential Function