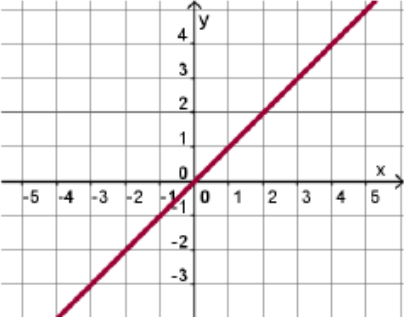
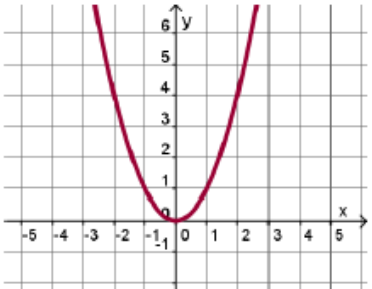
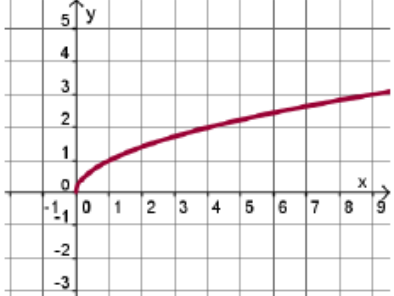
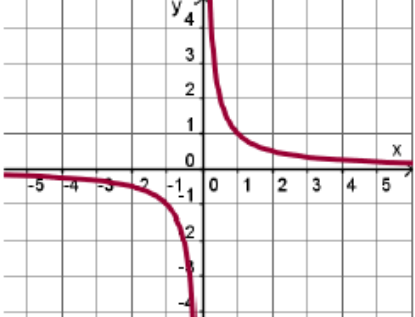


Name _____

Parent Functions

Category	Equation	Graph
		 <p>A coordinate plane with x and y axes ranging from -5 to 5. A straight red line passes through the origin (0,0) and has a slope of 1, representing the parent linear function $y = x$.</p>
	$y = x^2$	 <p>A coordinate plane with x and y axes ranging from -5 to 5. A red parabola opens upwards with its vertex at the origin (0,0), representing the parent quadratic function $y = x^2$.</p>
		 <p>A coordinate plane with the x-axis ranging from -1 to 9 and the y-axis ranging from -3 to 5. A red curve starts at the origin (0,0) and increases as it moves to the right, representing the parent square root function $y = \sqrt{x}$.</p>
	$y = \frac{1}{x}$	 <p>A coordinate plane with x and y axes ranging from -5 to 5. A red hyperbola with two branches is shown, one in the first quadrant and one in the third quadrant, representing the parent reciprocal function $y = \frac{1}{x}$.</p>

Category	Equation	Graph
		