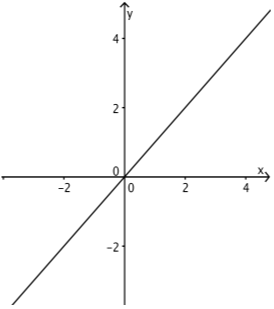
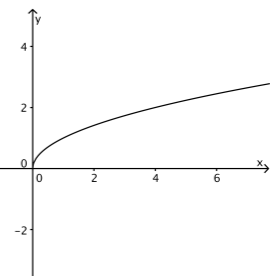
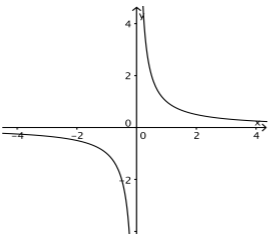
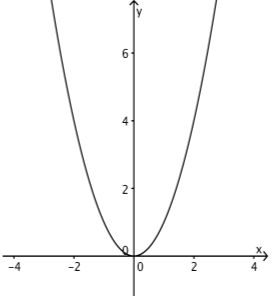
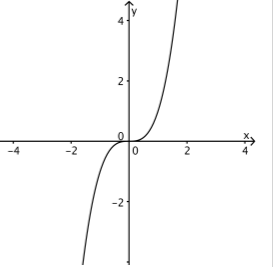
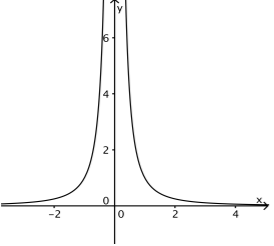
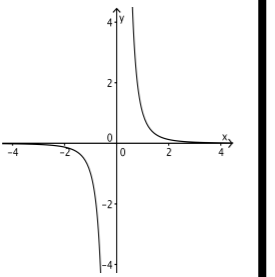
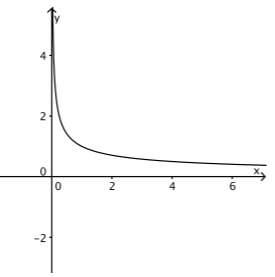


# Proportionality Formula- Concept Card Sort

Sort the cards into 8 groups

<p>y is directly proportional to x</p>	$y \propto x$	$y = \frac{k}{x}$	$y \propto x^2$		$y \propto \frac{1}{x^3}$		<p>y is inversely proportional to the cube of x</p>
$y = k\sqrt{x}$	$y = \frac{k}{x^2}$		<p>y is inversely proportional to x</p>	$y = \frac{k}{\sqrt{x}}$			$y \propto \frac{1}{\sqrt{x}}$
	<p>y is directly proportional to the cube of x</p>	$y = kx$	$y \propto \frac{1}{x^2}$	<p>y is directly proportional to the square of x</p>	$y = kx^2$	<p>y is inversely proportional to the square root of x</p>	$y \propto \sqrt{x}$
$y \propto x^3$		<p>y is inversely proportional to the square of x</p>		$y \propto \frac{1}{x}$	<p>y is directly proportional to the square root of x</p>	$y = kx^3$	$y = \frac{k}{x^3}$