Parametric Equations	Cartesian Equation	Domain and Range
$x = t - 2$ $y = t^2 + 1$ $-4 \leq t \leq 4$	$y = 3 - \frac{1}{x}$	$x > 1$ $y > 0$
$x = 5 - t$ $y = t^2 - 1$ $t \in \mathbb{R}$	$y = \left(\frac{1 + 2x}{x}\right)^2$	$0 < x < \frac{1}{3}$ $y > 0$
$x = \frac{1}{t}$ $y = 3 - t$ $t \neq 0$	$y = (5 - x)^2 - 1$	$x > 0$ $y > 4$
$x = 2t + 1$ $y = \frac{1}{t}$ $t > 0$	$y = \frac{2}{x - 1}$	$-6 \leq x \leq 2$ $1 \leq y \leq 17$
$x = \frac{1}{t - 2}$ $y = t^2$ $t > 2$	$y = (x + 2)^2 + 1$	$x \neq 0$ $y \neq 3$
$x = \frac{1}{t + 1}$ $y = \frac{1}{t - 2}$ $t > 2$	$y = \frac{x}{1 - 3x}$	$x \in \mathbb{R}$ $y \geq -1$