$x = p(t)$	$y = q(t)$	Cartesian Equation $f(x, y)$	Intersection with axes	Constraint on t	Domain	Range	Sketch
$x = 3 - t$	$y = -4 + 3t$			$-3 \leq t \leq 3$			
$x = 3t^2$	$y = 6t$			$-3 \leq t \leq 3$			
$x = 4\cos t$	$y = 2\sin t$			$-\pi \leq t \leq \pi$			
$x = 1 + 2\cos t$	$y = 3 + 2\sin t$			$t \in \mathbb{R}$			
$x = e^{2t}$	$y = e^{3t}$			$t \in \mathbb{R}$			

$x = p(t)$	$y = q(t)$	Cartesian Equation $f(x, y)$	Intersection with axes	Constraint on t	Domain	Range	Sketch
$x = t^2 - 1$	$y = t(t^2 - 1)$			$t \in \mathbb{R}$			
$x = 3\cos 2t$	$y = 2\cos t$			$t \in \mathbb{R}$			
$x = 1 + 2t^2$	$y = -3 + 4t$			$t \in \mathbb{R}$			
$x = \ln(t - 2)$	$y = \frac{1}{t + 1}$			$t > 3$			
$x = \cot t$	$y = 3\sin t$			$0 < t < \pi$			