Fill in the Blanks — Polar to Cartesian Conversions

Cartesian Coordinate	Polar Coordinate
$(12, 5)$	
$\left(1, \sqrt{3}\right)$	
	$\left(2\sqrt{2}, \frac{\pi}{4}\right)$
$\left(-1, \sqrt{3}\right)$	
	$\left(2, \frac{\pi}{2}\right)$
	$\left(10, \frac{4\pi}{3}\right)$
$\left(1, -\frac{1}{2}\right)$	
	$\left(5, -\frac{\pi}{6}\right)$
$(-8, -6)$	
$\left(5, -5\sqrt{3}\right)$	
	$\left(6, \frac{11\pi}{6}\right)$

Cartesian Equation	Polar Equation
$x^2 + y^2 = 16$	
	$r = 2$
$y = 4x$	
$x^2 + y^2 - 2y = 0$	
	$r = 5 \sec \theta$
	$r = 2 \cos \theta$
$y = 8x^2$	
	$r = 5 \cot \theta \ \operatorname{cosec} \theta$
$y^2 - x^2 = 4$	
$xy = 9$	
	$r = \cos \theta + 2 \sin \theta$