

In Exercises 1 and 2, **(a)** complete the table for the polar equation and **(b)** plot the corresponding points.

1. $r = 3 \cos 2\theta$

θ	0	$\pi/4$	$\pi/2$	$3\pi/4$	π	$5\pi/4$	$3\pi/2$	$7\pi/4$
r								

2. $r = 2 \sin 3\theta$

θ	0	$\pi/6$	$\pi/3$	$\pi/2$	$2\pi/3$	$5\pi/6$	π
r							