1. Fill in the following chart, then sketch the graph of $r = \sin(\theta)$

θ	0	$\dfrac{\pi}{6}$	$\dfrac{\pi}{4}$	$\dfrac{\pi}{3}$	$\dfrac{\pi}{2}$	$\dfrac{2\pi}{3}$	$\dfrac{3\pi}{4}$	$\dfrac{5\pi}{6}$	π	$\dfrac{5\pi}{4}$	$\dfrac{3\pi}{2}$	$\dfrac{7\pi}{4}$
$\sin(\theta)$												

2. Sketch the graph of the following polar equations, then verify by graphing in Maple.

(a) $r = 4$

(b) $r = 3 + 3\cos(\theta)$

(c) $r = \dfrac{1}{2} - \sin(\theta)$

(d) $r = \sin(2\theta)$

(e) $r = 2\sec(\theta)$