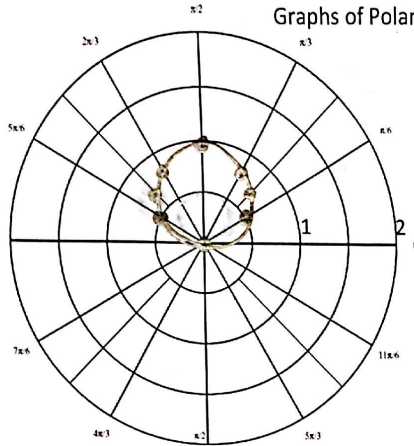


Graph  $r = \sin \theta$ 

$\theta$	$r$
0	0
$\pi/6$	.5
$\pi/4$	.707
$\pi/3$	.866
$\pi/2$	1
$2\pi/3$	.866
$3\pi/4$	.707
$5\pi/6$	.5

circle

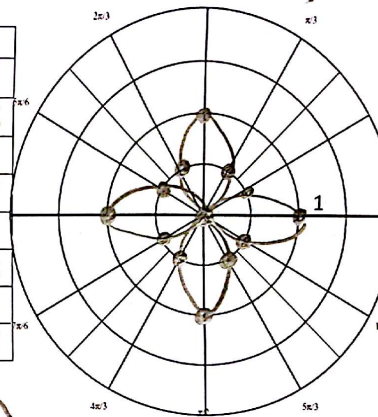
$\theta$	$r$
$\pi$	0
$7\pi/6$	-.5
$5\pi/4$	-.707
$4\pi/3$	-.866
$3\pi/2$	-1
$5\pi/3$	-.866
$7\pi/4$	-.707
$11\pi/6$	-.5

Graph  $r = \cos(2\theta)$ 

$\theta$	$r$
0	1
$\pi/6$	.5
$\pi/4$	0
$\pi/3$	-.5
$\pi/2$	-1
$2\pi/3$	-.5
$3\pi/4$	0
$5\pi/6$	.5

rose

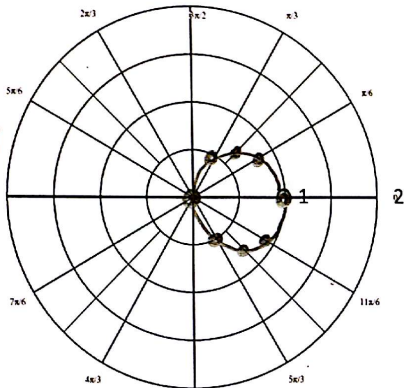
$\theta$	$r$
$\pi$	1
$7\pi/6$	.5
$5\pi/4$	0
$4\pi/3$	-.5
$3\pi/2$	-1
$5\pi/3$	-.5
$7\pi/4$	0
$11\pi/6$	.5

Graph  $r = \cos \theta$ 

$\theta$	$r$
0	1
$\pi/6$	.866
$\pi/4$	.707
$\pi/3$	.5
$\pi/2$	0
$2\pi/3$	-.5
$3\pi/4$	-.707
$5\pi/6$	-.866

circle

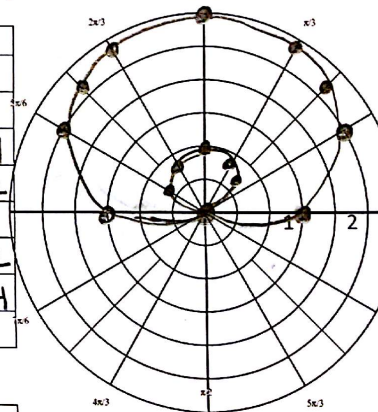
$\theta$	$r$
$\pi$	-1
$7\pi/6$	-.866
$5\pi/4$	-.707
$4\pi/3$	-.5
$3\pi/2$	0
$5\pi/3$	.5
$7\pi/4$	.707
$11\pi/6$	.866

Graph  $r = 2 \sin(\theta) + 1$ 

$\theta$	$r$
0	1
$\pi/6$	2
$\pi/4$	2.414
$\pi/3$	2.732
$\pi/2$	3
$2\pi/3$	2.732
$3\pi/4$	2.414
$5\pi/6$	2

limaçon  
loop

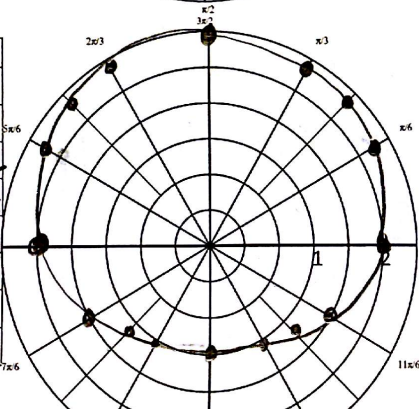
$\theta$	$r$
$\pi$	1
$7\pi/6$	0
$5\pi/4$	-.414
$4\pi/3$	-.732
$3\pi/2$	-1
$5\pi/3$	-.732
$7\pi/4$	-.414
$11\pi/6$	0

Graph  $r = \sin \theta + 2$ 

$\theta$	$r$
0	2
$\pi/6$	2.5
$\pi/4$	2.707
$\pi/3$	2.866
$\pi/2$	3
$2\pi/3$	2.866
$3\pi/4$	2.707
$5\pi/6$	2.5

limaçon

$\theta$	$r$
$\pi$	2
$7\pi/6$	1.5
$5\pi/4$	1.292
$4\pi/3$	1.134
$3\pi/2$	1
$5\pi/3$	1.134
$7\pi/4$	1.292
$11\pi/6$	1.5

Graph  $r = \sin(3\theta)$ 

$\theta$	$r$
0	0
$\pi/6$	1
$\pi/4$	.707
$\pi/3$	0
$\pi/2$	-1
$2\pi/3$	0
$3\pi/4$	.707
$5\pi/6$	1

rose  
 $\frac{2\pi}{3}$ 

$\theta$	$r$
$\pi$	0
$7\pi/6$	-1
$5\pi/4$	-.707
$4\pi/3$	0
$3\pi/2$	1
$5\pi/3$	0
$7\pi/4$	-.707
$11\pi/6$	-1

