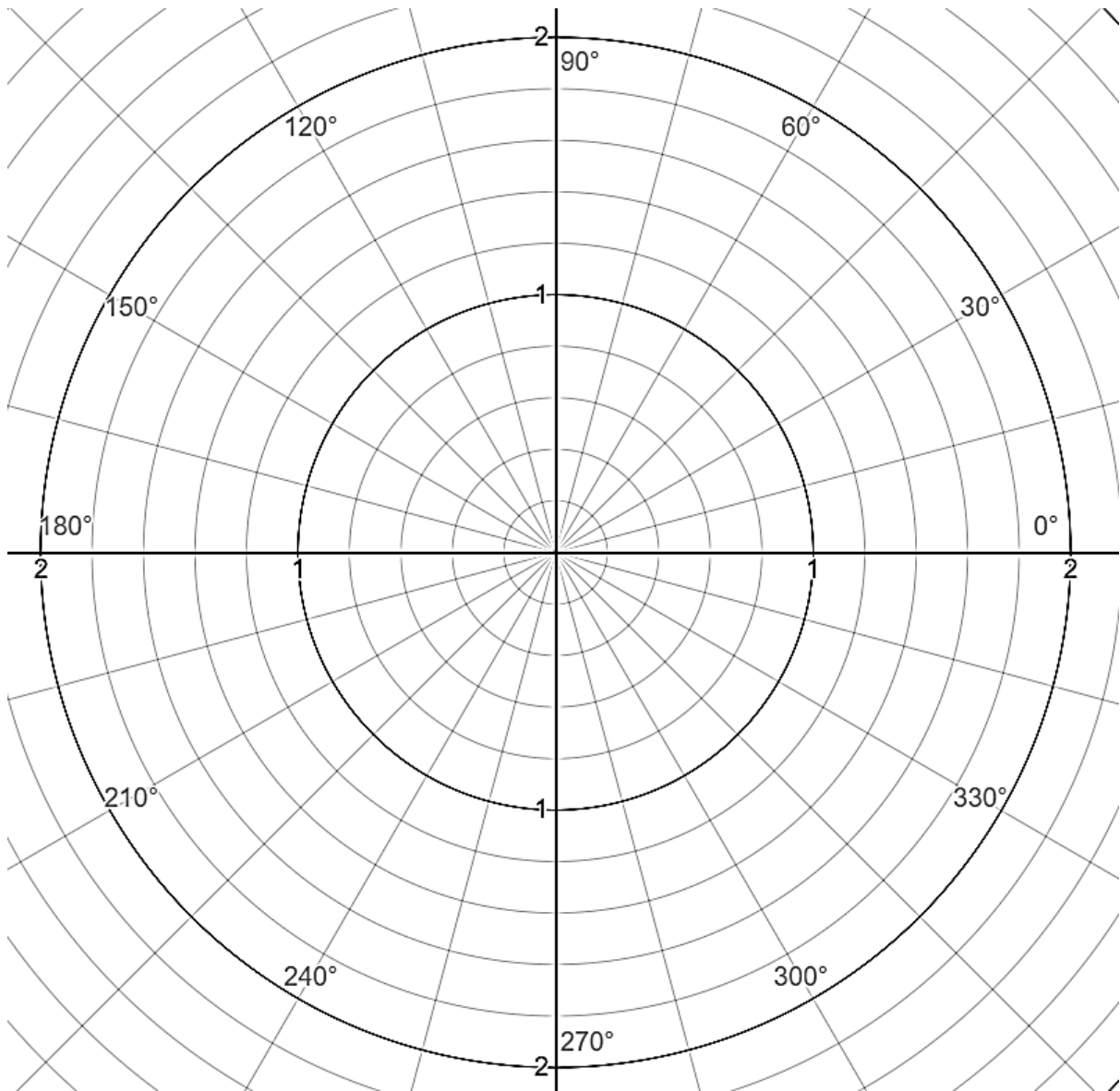


$$r = \sin \theta$$

$\theta$	0	30	60	90	120	150	180
$r$							

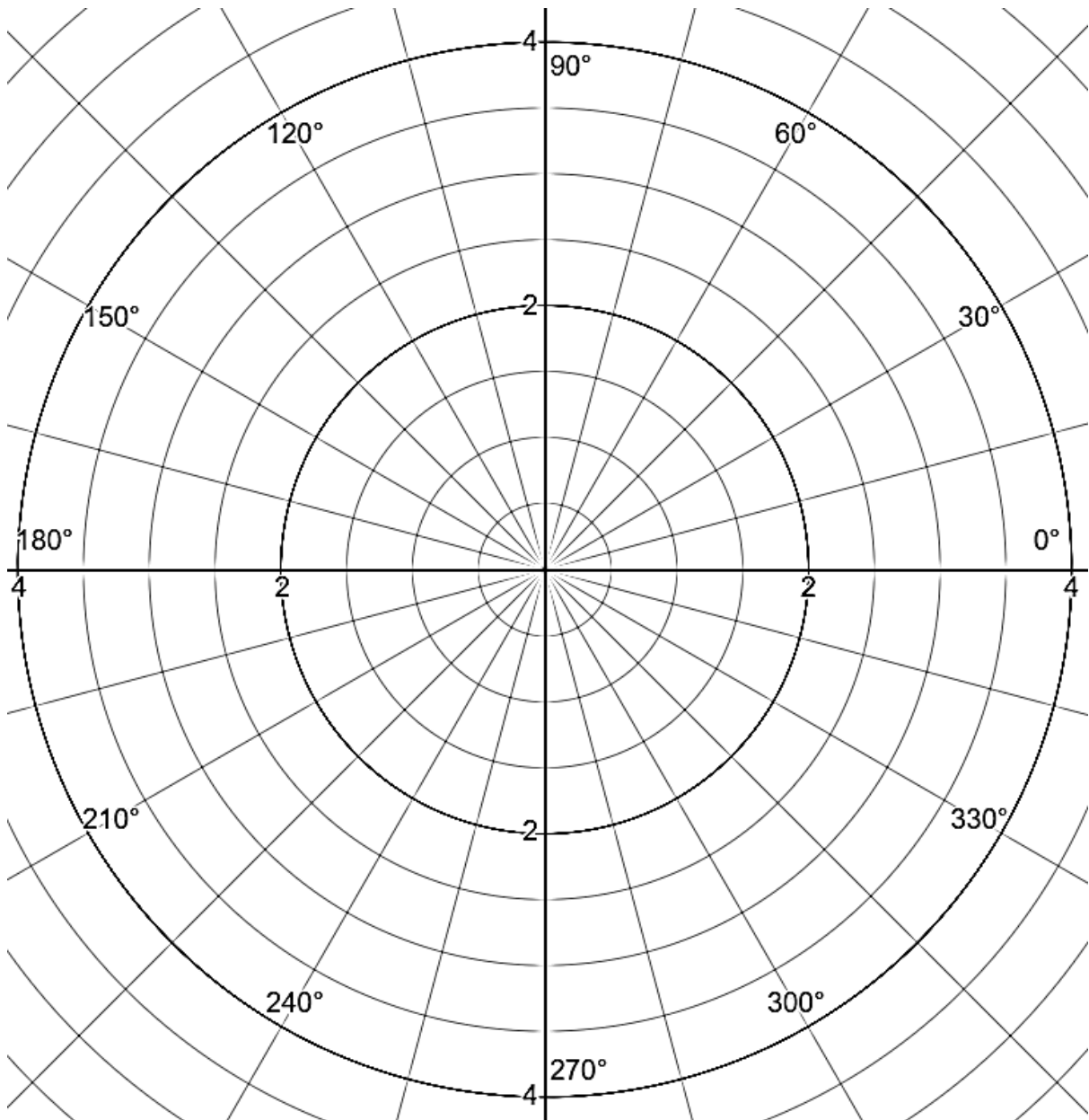
$\theta$	210	240	270	300	330	360
$r$						



$$r = 1 + \cos \theta$$

$\theta$	0	30	60	90	120	150	180
$r$							

$\theta$	210	240	270	300	330	360
$r$						



$$r = 4 \sin 3\theta$$

$\theta$	0	10	20	30	40	50	60
$r$							

$\theta$	70	80	90	100	110	120
$r$						

Bonus: Have a go at sketching  $r^2 = 16 \cos 2\theta$