Worksheet 12 Answer Key



Note: Circle closes one Full Loop as O ranges from O to TT.

Then it retraces the Circle as θ ranges from π to 2π .

2. $r = \frac{1}{\sin \theta}$



Note: Circle closes one full loop as O ranges from O to T Forwards" Then it retraces the circle as O ranges from TT to 2TT "Backwards" Repeat



Cartesian Plot





Note:
$$3-6-3$$
 Cardivid closes one Loop as θ ranges from 0 to 2π .
Then retraces same Cardivid, repeating every 2π cycle.

 $4 r = 2 - 2 sin \theta$











5. $r = 1 + 2\cos\theta$









7.
$$r = 3 \sin(2\theta)$$







