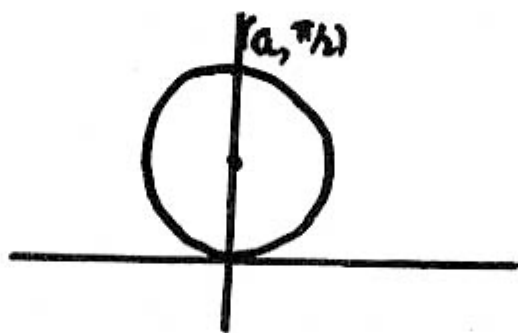


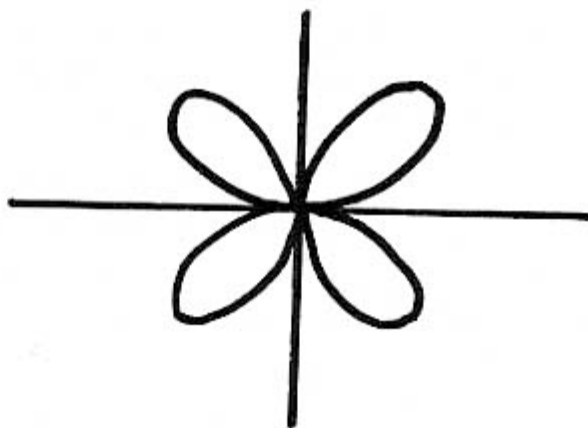
II Roses. $r = a \sin n\theta$

(a is positive,
 n is a positive integer)

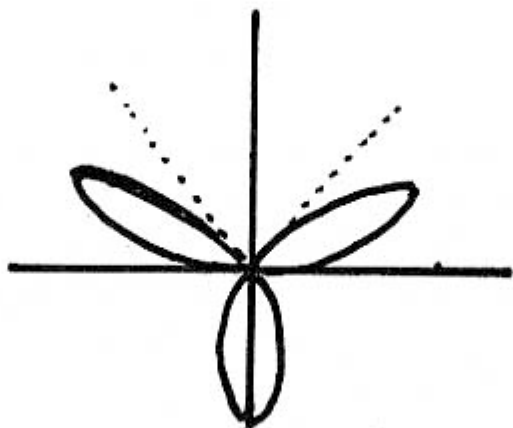
$n=1$ (circle)



$n=2$. (4-leaf rose)



$n=3$ (3-leaf rose).



In general, when n is odd there are n leaves;
when n is even there are $2n$ leaves.