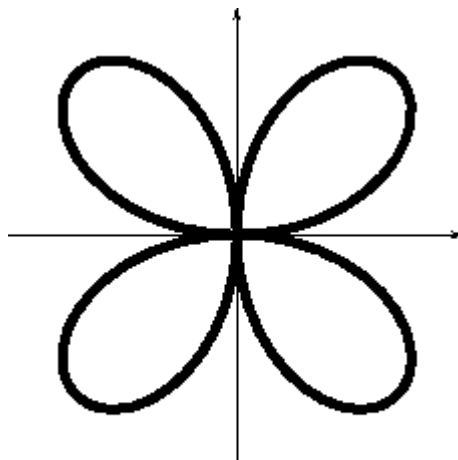


## Answers to selected exercises from Colley, Section I.9

**32(a).** The curve is a four-leaved rose. The sketch below is taken from the following online site:

<http://planetmath.org/encyclopedia/Rhodonea.html>



rhodonea:  $r = \sin(2\theta)$ .