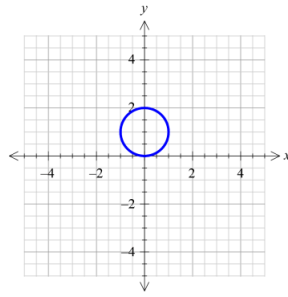
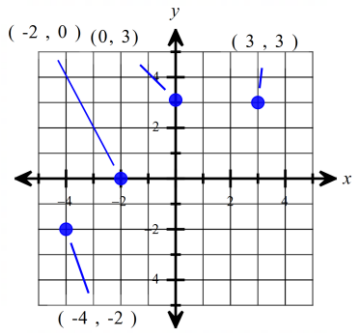


**SM3H 9.1 Polar Equations (Key--  
odds)**

1.  $(3\sqrt{2}, \frac{\pi}{4})$



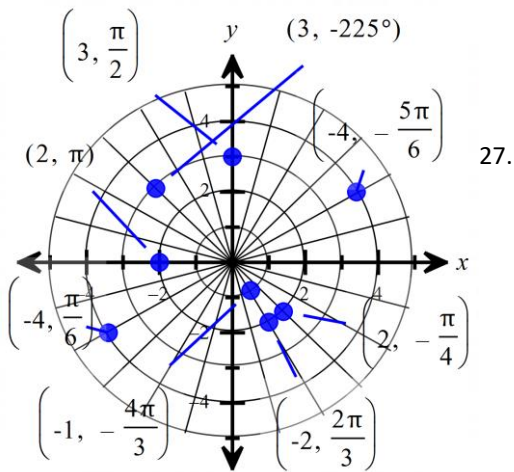
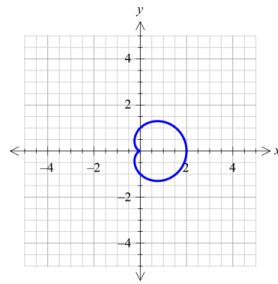
3.  $(2\sqrt{5}, 206.6^\circ)$

5.  $(0, 3)$

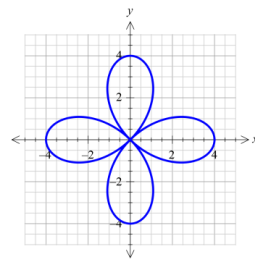
7.  $(\sqrt{2}, -\sqrt{2})$

9.  $(1, -\sqrt{3})$

11.  $(\frac{1}{2}, -\frac{\sqrt{3}}{2})$



27.

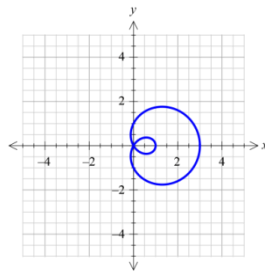


13.  $(\frac{\sqrt{3}}{2}, \frac{1}{2})$

15.  $(-1, 1)$

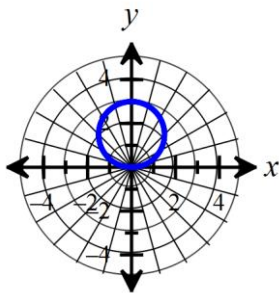
17.  $(2\sqrt{2}, 135^\circ)$

19.  $(2, 90^\circ)$



29.

21.



31.  $x^2 + y^2 = 4x$

33.  $y = x$

35.  $r = \frac{-6}{\sin \theta}$

37.  $x^2 + y^2 = -2y$

39.  $x^2 + y^2 = 6x$

41.  $r = \frac{-2}{\cos \theta}$

43.  $\frac{-x-3}{(x-3)(x-2)}$

45. 11.4 cm