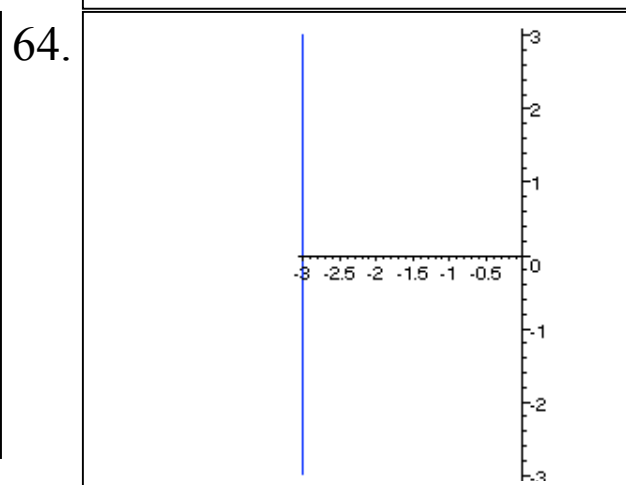
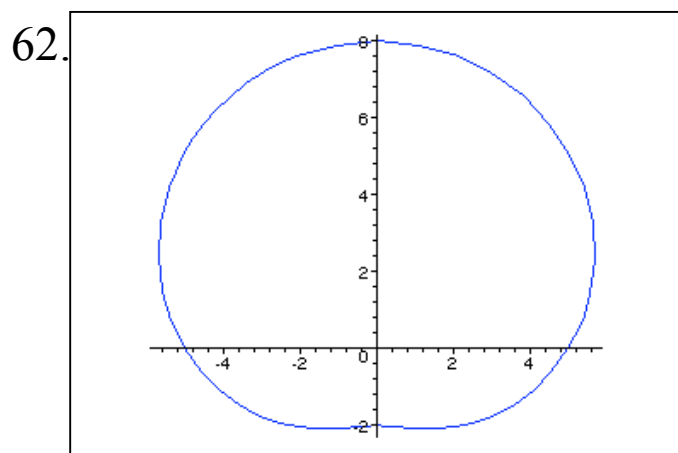
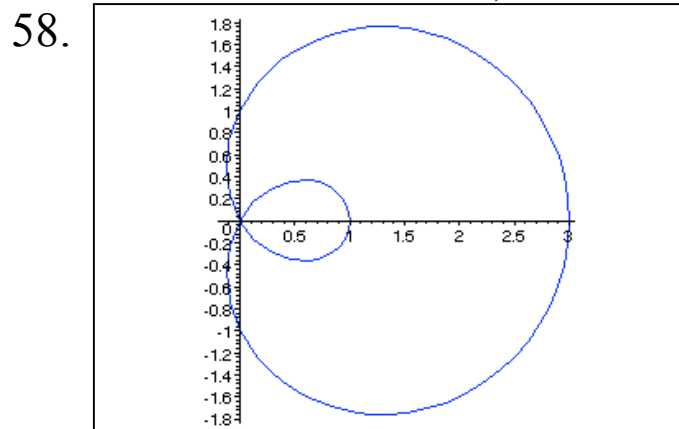
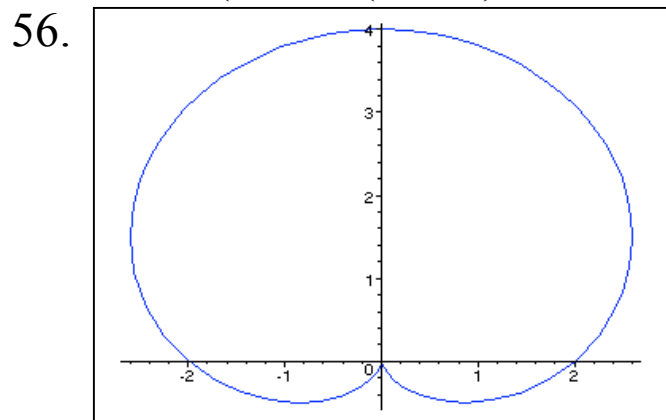


Section 11.5

52. circle (center $(3, -1)$ and radius = $\sqrt{10}$, $\theta = 0 \Rightarrow r = 6$)



14. $r = 2 \csc \theta$

16. $r = \sqrt{2}$ or $r = -\sqrt{2}$

18. $r = 8 \tan \theta \sec \theta$

28. $y = -2$ -- horizontal line that passes through the point $(0, -2)$

30. $x^2 + y^2 = 4$ -- circle with center $(0, 0)$ and radius = 2

38. $3x - 4y = 12$ -- line (slope $3/4$ and y-intercept $(0, -3)$)