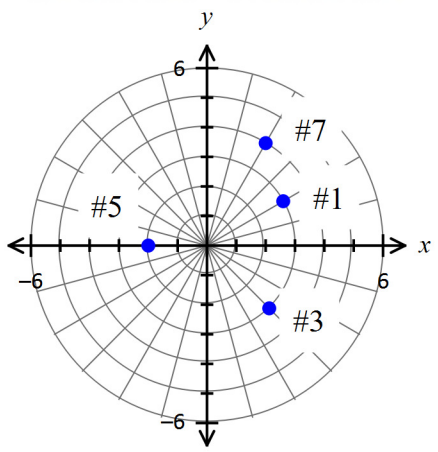
Precalculus
7.5 Odd Answers



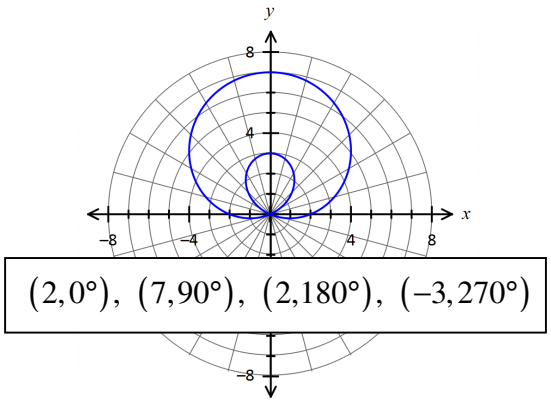
9. $\left(\frac{\sqrt{3}}{2}, \frac{1}{2}\right)$ 11. $(0,3)$ 13. $\left(-\frac{3}{2}, \frac{\sqrt{3}}{2}\right)$

15. $\left(2\sqrt{2},\ 135°\right)$ 17. $(2,\ 90°)$ 19. $\left(4,\ \frac{2\pi}{3}\right)$

21. $x^2 + y^2 = 9$, circle 23. $y = 2$, line 25. $y = x$, line

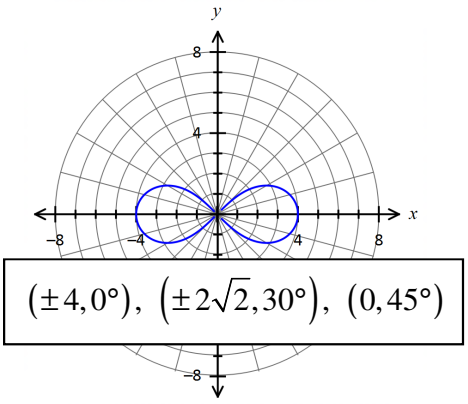
27. $r = -6\csc\theta$ 29. $r = -4\cos\theta$

31. limaçon with loop



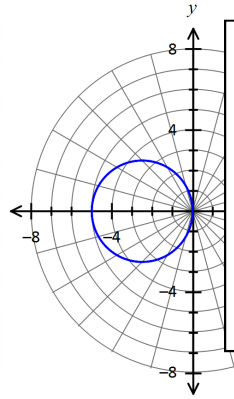
$(2,0°),\ (7,90°),\ (2,180°),\ (-3,270°)$

33. lemniscate



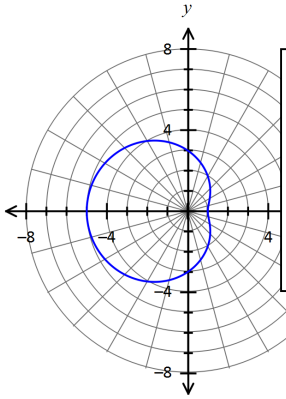
$(\pm 4,0°),\ \left(\pm 2\sqrt{2}, 30°\right),\ (0,45°)$

35. circle



$(-5,0°),\ \left(-\frac{5\sqrt{3}}{2}, 30°\right),$
$\left(-\frac{5}{2}, 60°\right),\ (0,90°),$
$\left(\frac{5}{2}, 120°\right),\ \left(\frac{5\sqrt{3}}{2}, 150°\right)$

37. limaçon without loop



$(1,0°),\ (2,60°),$
$(3,90°),\ (4,120°),$
$(5,180°),\ (4,240°),$
$(3,270°),\ (2,300°)$