

HOMEWORK SECTION 6.4 Part 2

Show all work on LINED PAPER.

In Exercises 35–42, convert the polar equation to rectangular form :

36. $r = -2 \csc \theta$

38. $r = -4 \cos \theta$

40. $r \sec \theta = 3$

In Exercises 43–50, convert the rectangular equation to polar form.

44. $x = 5$

46. $3x + 4y = 2$

48. $x^2 + (y - 1)^2 = 1$

50. $(x - 1)^2 + (y + 4)^2 = 17$