Mathematics 101 Worksheet Chapter 10

Problems

1) Find the distance between \((-6, 3)\) and \((0, 1)\).

2) Graph the following.
   a) \((x + 6)^2 + (y - 5)^2 = 4\)
   b) \(\frac{x^2}{9} + \frac{y^2}{25} = 1\)
   c) \(9x^2 + 4y^2 = 36\)
   d) \(\frac{x^2}{4} - y^2 = 1\)
   e) \(\frac{y^2}{9} - \frac{x^2}{4} = 1\)