Mathematics 101 Worksheet Chapter 10

<u>Problems</u>

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) $\frac{y^2}{9} - \frac{x^2}{4} = 1$