

Math 3113 - Multivariable Calculus

Homework #3 - 2006.02.13

Due Date - 2006.02.20

Name: _____

Graphs the following functions.

1.

$$z^2 = 14 + y^2 + 6y + \frac{1}{4}x^2 - x$$

2.

$$\frac{1}{4}z^2 - 2z + \frac{326}{25} + y^2 + 6y + \frac{1}{25}x^2 - \frac{2}{25}x = 1$$

3.

$$z = \sin(x + y)$$