

Math 3113 - Multivariable Calculus

Quiz #1 - 2006.01.18

Name: _____

1. Find the distance between the points $(3, 4, 5)$ and $(4, 6, -10)$

2. Write the equation of the sphere with radius 3 centered at $(-2, 4, 6)$.

3. Sketch the surface given by the equation $z = 3$ in \mathbb{R}^3 .