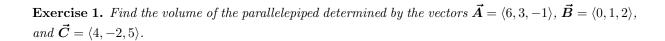
## Math 53 - Multivariable Calculus

## Quiz # 3

## September 15th, 2011



**Exercise 2.** Find the equation of the plane that passes through the point (6,0,-2) and contains the line x = 4 - 2t, y = 3 + 5t, z = 7 + 4t.

**Exercise 3.** Determine whether the planes x + 4y - 3z = 1 and -3x + 6y + 7z = 0 are perpendicular, parallel, or neither. If neither, find the angle between them.