Math 220 - Calculus f. Business and Management - Worksheet 40

Worksheet 40 - 3-Space

Exercise 1:

Find an equation for the line that passes through (2,7) and (4,3) in the form px + qy + r = 0. Use the techniques of elimination demonstrated in Section 25 in your textbook. Verify that your answer is correct by checking to see that each point satisfies your equation.

Exercise 2: Find the equation for the plane that passes through each set of points in the form px + qy + rz + s = 0. Use the techniques of elimination demonstrated in Section 25 in your textbook. Verify that your answer is correct by checking to see that each point satisfies your equation.

- (3,0,0),(2,1,0),(0,4,1)
- (1,4,1),(1,7,3),(3,9,1)