

King Fahd University of Petroleum and Minerals  
Department of Mathematics and Statistics  
Math 201 - Quiz 3

Name:

Student ID #:

**Question.** Find the parametric equations of the line through the point  $(5, 0, 2)$  that is parallel to the planes  $x - 4y + 2z = 0$  and  $2x + 3y - z + 1 = 0$ .