

King Fahd University of Petroleum and Minerals
Department of Mathematics and Statistics
Math 201 – Term 182 – Quiz 2

Name:

Student ID #:

Section #: 4

Question 1. For which values of the constant k the following vectors are coplanar. $\langle 1, k, -2 \rangle$, $\langle k, 2, k \rangle$ and $\langle 1, k, 1 \rangle$

Question 2. Find the scalar and vector projections of $\langle 12, 1, 2 \rangle$ onto $\langle -1, 4, 8 \rangle$.