

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

Name:

Student ID #:

Section #: 13

Question 1. Find the area of the parallelogram whose vertices are $A(-6, 0)$, $B(1, -4)$, $C(3, 1)$ and $D(-4, 5)$

Question 2. If the angle between \vec{u} and \vec{v} is $\pi/6$ and $|\vec{u}| = 2$, $|\vec{v}| = 1/\sqrt{3}$, then find $|\vec{u} + \vec{v}|$.