

KING FAHD UNIVERSITY OF PETROLUUM AND MINERALS

Math 001— Term 061

Quiz#3

Name: _____ ID#: _____ Sec#: _____ Sr#: _____

Q1: If $\frac{\sqrt{-8} + \sqrt[3]{-9}}{\sqrt{-1} + \sqrt[3]{-27}} = A + Bi$, then find the value of $A + B =$

Q2: Simplify the expression $\left(\frac{x}{x^2 + x - 2} - \frac{1}{3(x^2 + 3x - 4)} - \frac{7}{3(x^2 + 6x + 8)} \right) \div \left(\frac{x+1}{x+4} \right) =$