

King Fahd University of Petroleum and Minerals
College of Sciences Math Prep-Year Program
Math 001-Term 071 – Quiz 2

Name _____ ID# _____ Sec# _____ SR# _____

QUESTION 1 A triangle has a perimeter of 84 cm. Each of the two longer sides of the triangle is three times as long as the shortest side. Find the length of each side of the triangle.

ANS: The length of the sides are 12cm and 36cm.

QUESTION 2 If $x = \frac{5 - \sqrt{21}}{2}$, find and simplify $x + \frac{1}{x}$

ANS: = 5