

King Fahd University of Petroleum & Minerals
Department of Mathematics and Statistics
(Semester 132) Math 131 Quiz # 2

Name: _____ I.D. # _____ Sr. # _____

Minimize $Z = 20x + 30y$
Subject to

$$2x + y \leq 10$$

$$3x + 4y \leq 24$$

$$8x + 7y \geq 56$$

$$x, y \geq 0$$