

Name: _____ Date: _____ Row: _____ Period: _____

NOTES SECTION 3.4: LINEAR PROGRAMMING

LINEAR PROGRAMMING

FEASIBLE REGION

EXAMPLE I

Find the minimum value and the maximum value of $C = -x + 3y$ subject to the following constraints.

EXAMPLE 2

Find the minimum value and the maximum value of $C = x + 5y$ subject to the following constraints.

YOUR TURN

Find the minimum value and maximum value of $C = 2x - y$ subject to the following constraints.