

$$\begin{array}{llllll}
 \text{Max} & 7 & x_1 & + & 20 & x_2 \\
 & & x_1 & + & -4 & x_2 \leq 3 \\
 & & x_1 & + & -2 & x_2 \leq 5 \\
 & & x_1 & + & -2 & x_2 \geq 2 \\
 & x_1, x_2 \geq 0
 \end{array}$$