

$$\begin{array}{llllll}
 \text{Max} & 6 & x_1 & + & 32 & x_2 \\
 & & x_1 & + & -6 & x_2 \leq 3 \\
 & & x_1 & + & -4 & x_2 \leq 5 \\
 & & x_1 & + & -1 & x_2 \geq 1 \\
 & x_1, x_2 \geq 0
 \end{array}$$