Last name _____

First name _____

LARSON—OPER 731—CLASSROOM WORKSHEET 05
Weyl's Theorem

Let $X = \{\begin{bmatrix}0\\0\end{bmatrix}, \begin{bmatrix}1\\0\end{bmatrix}, \begin{bmatrix}0\\1\end{bmatrix}\}$.

1. Draw $conv(X)$.

2. Find a system of linear inequalities whose solutions are exactly $conv(X)$.