

# Orthogonal Complements

Due December 1

Compute the orthogonal complements of the following subspaces.

1.  $W = \left\{ \begin{bmatrix} 3s \\ s \end{bmatrix} \right\}.$

2.  $W = \text{span} \left\{ \begin{bmatrix} 1 \\ 0 \\ 1 \end{bmatrix}, \begin{bmatrix} 0 \\ -1 \\ 1 \end{bmatrix} \right\}.$