Linear Algebra	Quiz for Section 4.3	September 20, 2006
Name:	R. Hammack	Score:

Directions: Please answer all questions in the space provided.

Use of calculators or any form of electronic communication device is strictly forbidden on this quiz.

1. Suppose A is a fixed 2×2 matrix. Show that the set $W = \{X : AX = XA\}$ is a subspace of $M_{2,2}$.