

Name _____

Mathematics 205: Linear Algebra
Fall Semester 2004
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Quiz #9
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T is a function with rule $T(x_1, x_2, x_3, x_4, x_5) = (x_1 + x_3, 0, x_1 + x_5, x_2 - x_4)$.

Find the matrix A for which $T(\mathbf{x}) = A\mathbf{x}$.