Name:

SID:

Serrial Number:

Math 260
Spring 2013, Term 122

Quiz 5 Section 04

Instructions: Show Your Work!

(10^{pts}) **1.**

Find the solution space of the system

$$\begin{array}{rrrrcl}
x_1 & +5x_2 & +x_3 & -8x_4 & = & 0 \\
2x_1 & +5x_2 & & -5x_4 & = & 0 \\
2x_1 & +7x_2 & +x_3 & -9x_4 & = & 0
\end{array}$$