MA 262 Section 596/597 Quiz 10

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Problem 1. Write your name, section and quiz number at the top of a full sized blank sheet of paper.

Problem 2. Find a particular solution y_p of the following equation

$$y'' - y' - 2y = 6x + 4.$$

Problem 3. Find the eigenvalues of the following matrix

$$\begin{pmatrix} 0 & 2 \\ -32 & 0 \end{pmatrix}.$$