MATH 260, Linear Algebra, Spring '14
HWK 2: Matrices, Systems and Row Operations
Honor Code: **Names:**

Homework:

1. Finish Worksheet (you may work with others on this)
2. Find: $3\mathbf{X}^2 + \mathbf{Y}^T$ for $\mathbf{X}$ and $\mathbf{Y}$ given below. You will turn this in next week. You MUST show intermediate calculations to get full credit.

$$\mathbf{X} = \begin{bmatrix} 1 & 4 & 0 \\ -3 & 5 & 1 \\ 1 & 0 & -6 \end{bmatrix} \quad \mathbf{Y} = \begin{bmatrix} 0 & 1 & w \\ 1 & -z & 3 \\ 0 & 9 & -4 \end{bmatrix}$$