

Please show **all** your work! Answers without supporting work will not be given credit.
Write answers in spaces provided.

Name: _____

1. Find the inverse matrix of following matrices:

(a) [4 pts] $A = \begin{bmatrix} 2 & 4 \\ 1 & 6 \end{bmatrix}$

Answer: _____

(b) [6 pts] $B = \begin{bmatrix} 1 & 2 & 3 \\ 0 & 1 & 4 \\ 5 & 6 & 0 \end{bmatrix}$

Answer: _____