MTH 166, Quiz #16, Fall 2017   Name_____

Instructions: Show all work. Use exact answers unless specifically asked to round. Answer all parts of each question.

1. Multiply the matrices $A = \begin{bmatrix} 1 & -2 & 1 \\ 0 & 5 & 3 \end{bmatrix}, B = \begin{bmatrix} -3 & 4 \\ 5 & -7 \\ 2 & -2 \end{bmatrix}$ by hand.

2. Find the inverse of $C = \begin{bmatrix} 4 & 5 \\ 2 & 3 \end{bmatrix}$ by hand.