

10.4 #9-16, 23-31

CHECK ODD ANSWERS IN BOOK

CHECK EVEN ANSWERS BELOW:

not possible, dimension mismatch

not possible, dimension mismatch

not possible, dimension mismatch

not possible, dimension mismatch

$$\begin{bmatrix} -14 & -8 & -30 \\ -6 & 10 & -24 \end{bmatrix} \begin{bmatrix} 1 & 2 \\ 7 & 6 \end{bmatrix} \begin{bmatrix} 7 \\ 1 \\ 7 \end{bmatrix}$$

$$\begin{bmatrix} -1 & -3 & -5 \\ -1 & 3 & -6 \end{bmatrix} \begin{bmatrix} -2 & 0 & 2 \\ 0 & -2 & 2 \end{bmatrix} \begin{bmatrix} 27 & 4 \end{bmatrix}$$

$$\begin{bmatrix} 3 & \frac{1}{2} & 5 \\ 1 & -1 & 3 \end{bmatrix} \begin{bmatrix} 13 & -\frac{7}{2} & 15 \\ 3 & 1 & 3 \end{bmatrix}$$

Multiplying Matrices:

write problem, show work

Add/Subtract/Scalar:

ok to write answer only