

pg. 539) 18-22 even, 23-27 odd, 47, 49

* #'s underlined are non-calc. only use calc to check solutions*

⑱ a) $\begin{bmatrix} 13 & 13 \\ -2 & -16 \end{bmatrix}$ b) $\begin{bmatrix} 7 & -14 \\ -8 & -10 \end{bmatrix}$

⑳ a) $\begin{bmatrix} 19 & -1 \\ 2 & 10 \end{bmatrix}$ b) $\begin{bmatrix} 3 & -1 & -14 & 16 \\ 4 & 2 & 8 & -2 \\ 5 & 3 & 14 & -6 \\ 8 & 2 & 0 & 10 \end{bmatrix}$

㉒ a) $\begin{bmatrix} -8 & 8 & 5 \\ 0 & 7 & -8 \\ 11 & 4 & 11 \end{bmatrix}$ b) $\begin{bmatrix} -3 & 18 & -2 \\ 11 & 2 & 11 \\ 2 & -11 & 11 \end{bmatrix}$

㉓ a) $[-8]$ b) $\begin{bmatrix} -10 & 5 & -15 \\ 8 & -4 & 12 \\ 4 & -2 & 6 \end{bmatrix}$

㉕ a) undefined b) $[18 \quad 14]$

㉗ a) $\begin{bmatrix} -1 & 3 & 4 \\ 2 & 0 & 1 \\ 1 & 2 & 1 \end{bmatrix}$ b) $\begin{bmatrix} 1 & 2 & 1 \\ 1 & 0 & 2 \\ 4 & 3 & -1 \end{bmatrix}$

④⑧ a) $\begin{bmatrix} \$15,550 & \$21,919.54 \\ \$8,070 & \$11,439.74 \\ \$8,740 & \$12,279.76 \end{bmatrix}$

b) the total inventory cost - in both retail & wholesale prices - in 3 retail stores