

## Matrix Calculations

Complete the calculations below and use MATLAB to verify your answers.

$$\begin{bmatrix} 6 & 17 \\ 24 & 12 \end{bmatrix} + 10 = \begin{bmatrix} & \\ & \end{bmatrix}$$


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$$\begin{bmatrix} 14 & 7 \\ 9 & 25 \end{bmatrix} \times 3 = \begin{bmatrix} & \\ & \end{bmatrix}$$


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$$\begin{bmatrix} 2 & 24 \\ 17 & 6 \end{bmatrix} + \begin{bmatrix} 9 & 18 \\ 3 & 13 \end{bmatrix} = \begin{bmatrix} & \\ & \end{bmatrix}$$


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$$\begin{bmatrix} 14 & 7 \\ 9 & 25 \\ 13 & 1 \end{bmatrix} - \begin{bmatrix} 5 & 15 \\ 8 & 20 \\ 6 & 7 \end{bmatrix} = \begin{bmatrix} & \\ & \\ & \end{bmatrix}$$


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$$\begin{bmatrix} 5 & 14 & 7 \\ 25 & 9 & 25 \end{bmatrix} \times \begin{bmatrix} 7 & 5 & 15 \\ 3 & 8 & 20 \end{bmatrix} = \begin{bmatrix} & & \\ & & \end{bmatrix}$$