7-5 **MATRIX OPERATIONS**

Ex 1

Find:

$$A + B$$

$$A + B$$

$$A = \begin{bmatrix} 5 & 1 \\ -3 & 2 \end{bmatrix}$$
$$B = \begin{bmatrix} -7 & 8 \\ 0 & 3 \end{bmatrix}$$









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$$I = \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$$
 is the identity matrix.

them by hand.

Ex 2 Find:
$$(C)(D)$$

$$C = \begin{bmatrix} 3 & 4 & 5 \\ -6 & 2 & 1 \end{bmatrix}$$

$$D = \begin{bmatrix} 5 \\ 2 \\ 4 \end{bmatrix}$$

$$A \times A$$

$$A \times$$

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