

Attendance Quiz 11

Name: _____ Date: _____

1. Let $A = \begin{pmatrix} -1 & 2 & 3 \\ 4 & 2 & 0 \\ -3 & 2 & 5 \end{pmatrix}$, $B = \begin{pmatrix} -3 & -1 & 2 \\ -5 & 3 & 4 \\ -3 & -4 & 0 \end{pmatrix}$, $C = \begin{pmatrix} 2 & -5 \\ 0 & 4 \\ -5 & 1 \end{pmatrix}$, $D = \begin{pmatrix} 1 & 3 & 2 \\ 4 & 5 & -2 \end{pmatrix}$, and

$E = \begin{pmatrix} 3 & 5 & -3 \\ 0 & 2 & 4 \end{pmatrix}$. Compute, if possible.

(a) $A + B$

(b) $A + C$

(c) AC

(d) CA

(e) AD

(f) AB

(g) A^2