

Class 2

Form 4 - **Matrices**

$$A = \begin{pmatrix} -1 & 6 \\ 2 & 8 \end{pmatrix} \quad B = \begin{pmatrix} 0 & 9 \\ -3 & 2 \end{pmatrix} \quad C = \begin{pmatrix} 4 \\ 2 \end{pmatrix} \quad D = (-2 \quad 1 \quad 1) \quad E = \begin{pmatrix} 0 \\ -2 \end{pmatrix}$$

1. Find **where possible** the value of

a. AB

b. BA

c. AC

d. CA

e. DA

f. EB

2. What is the value of AI , where I is the identity matrix?