Class 1 Form 4 – **Matrices**

$$A = \begin{pmatrix} -1 & 12 \\ 2 & 8 \end{pmatrix} B = \begin{pmatrix} 0 & 9 \\ 3 & 2 \end{pmatrix} C = \begin{pmatrix} 4 \\ 2 \end{pmatrix} D = \begin{pmatrix} -2 & 1 & 1 \end{pmatrix} E = \begin{pmatrix} 0 \\ -2 \end{pmatrix} O$$

- 1. What is the order of each of the matrices above?
- 2. Name the spin of general the Shudle of Hub ©
 - a. Row Matrix
 - b. Square Matrices
 - c. Column Matrices
- 3. Find the value (where possible) of
 - *a. A* + *B*
 - *b.* 3*A C*
- Ke c. $A \frac{1}{3}B$ Springer The Student Hub (a) d. C - E
- *4.* Research:
 - a. What is an Identity Matrix?
 - *b.* What is a Null Matrix?
 - c. What is Matrix Multiplication?

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