

## Matrices Worksheet-2 Mathematics

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### Question

We have five Matrices A, B, C, D, E defined as below

$$A = [1 \quad 2 \quad 3]$$

$$B = \begin{bmatrix} 1 & 3 \\ -7 & 1 \end{bmatrix}$$

$$C = \begin{bmatrix} 1 & -1 & -11 \\ 2 & -2 & -8 \\ 3 & -6 & 0 \end{bmatrix}$$

$$D = \begin{bmatrix} 1 & 3 \\ -1 & 1 \end{bmatrix}$$

$$E = [11 \quad 12 \quad 35]$$

Find the addition/Subtraction as given below. If the addition is not possible, please gives the reason to support your answer

- a) A+A
- b) A+B
- c) A+C
- d) A+D
- e) B+E
- f) B+B
- g) B+D
- h) C+A
- i) C+C
- j) C-D
- k) D+A
- l) D+C
- m) D+D
- n) D-B
- o) D+B
- p) A-E
- q) E+C