Matrix algebra – addition and multiplication
Exercise 2.7

Evaluate $A + B, \;\; A - B$ and $5A - 3B$ when

$$A = \begin{pmatrix} 0 & 1 & -1 \\ 2 & 3 & 7 \end{pmatrix} \text{ and } B = \begin{pmatrix} 1 & -1 & 5 \\ 0 & 1 & 9 \end{pmatrix}$$