MATRIX ADDITION AND SUBTRACTION ANSWER SHEET

Exercise 1)

a) $\begin{pmatrix} 7 & 2 & 1 \\ 15 & 10 & 21 \\ 7 & 7 & 19 \end{pmatrix}$

b) $\begin{pmatrix} 8 & 5 \\ 11 & 12 \end{pmatrix}$

c) $\begin{pmatrix} 2 \\ 6 \\ 19 \end{pmatrix}$

d) $\begin{pmatrix} 1 & 1 & 5 & 5 \\ 0 & 0 & 3 & 8 \end{pmatrix}$

e) $\begin{pmatrix} 6 & 8 \\ 11 & 13 \\ 14 & 16 \end{pmatrix}$

f) $\begin{pmatrix} 10 & 11 & 12 \end{pmatrix}$

Exercise 2)

a) $\begin{pmatrix} 9 & 19 & 29 \end{pmatrix}$

b) $\begin{pmatrix} -5 & 0 \\ -8 & -2 \end{pmatrix}$

c) $\begin{pmatrix} 1 & 1 & 4 \\ 5 & -1 & 9 \\ 3 & 1 & 17 \end{pmatrix}$

d) $\begin{pmatrix} -2 & -2 & -1 \\ -2 & -1 & -2 \\ -1 & -10 & -11 \end{pmatrix}$

e) $\begin{pmatrix} -5 & 1 \\ 5 & 0 \\ 7 & 10 \\ 15 & 9 \end{pmatrix}$

f) $\begin{pmatrix} 14 & 30 \\ 46 & 7 \end{pmatrix}$