

## Section 2.6

1.

a) A is a 3 by 4 matrix.

b) The third column is  $\begin{bmatrix} 1 \\ 4 \\ 3 \end{bmatrix}$

3.

a)  $AB = \begin{bmatrix} 1 & 11 \\ 2 & 18 \end{bmatrix}$

27.

a)  $A \vee B = \begin{bmatrix} 1 & 1 & 1 \\ 1 & 1 & 1 \\ 1 & 0 & 1 \end{bmatrix}$

## Section 3.1

3.

Procedure sum ( $a_1, a_2, \dots, a_n$  : integers)

sum :=  $a_1$

for i := 2 to n

    sum := sum +  $a_i$

return sum {sum is the sum of all the elements}