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Adam Evans 2005959

(vi) $|B|$ $B = \begin{pmatrix} -5 & 8 & 0 \\ 2 & 6 & 2 \\ 0 & -2 & 3 \end{pmatrix}$

$$|B| = -5(6 \times 3 - 2 \times 2) - 8(2 \times 3 - 0 \times 2) + 0$$

$$-5(14) - 8(6)$$

$$= -70 - 48$$

$$|B| = -118$$

(vii) $A + B$

$$A = \begin{pmatrix} 2 & -5 & 3 \\ -5 & 0 & 5 \\ 3 & 0 & 2 \end{pmatrix}$$

$$B = \begin{pmatrix} -5 & 8 & 0 \\ 2 & 6 & 2 \\ 0 & -2 & 3 \end{pmatrix}$$

$$A + B = \begin{pmatrix} -3 & 3 & 3 \\ -3 & 6 & 7 \\ 3 & -2 & 5 \end{pmatrix}$$

(viii) Can not be done as matrix are not the
 6 11 11 5