

iv) Cannot be done.

2

11/12/20

(v)

$$|A| = 2(0-0) + 5(-10-15) + 3(0+0)$$

$$|A| = 0 + 5(-25) + 0$$

$$|A| = -125$$

vi)

$$|B| = -5(18+4) - 8(6+0) + 0$$

$$|B| = -5(22) - 8(6)$$

$$|B| = -110 - 48$$

$$|B| = -158$$

(vii)

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

(viii)