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maths friday afternoons Exam 2. 11/12/2020.

Question 1 - matrices

$$i) AB = \begin{pmatrix} -20 & -20 & -1 \\ 25 & -50 & 15 \\ -15 & 20 & 6 \end{pmatrix} \quad -10 + \quad ?$$

$$ii) BA = \begin{pmatrix} -50 & 25 & 25 \\ -20 & -10 & 40 \\ 19 & 0 & -4 \end{pmatrix}$$

$$iii) AC = \begin{pmatrix} 45 & 15 \\ -50 & 0 \\ 100 & 175 \end{pmatrix}$$

iv) $CA =$ cant multiply. not the same matrices

$$v) |A| = -125$$

$$vi) |B| =$$