

IGCSE – Matrices Paper 2 - 3

Oct 05 Paper 2

3 Calculate $(4 \quad 6 \quad 2) \begin{pmatrix} 3 \\ 2 \\ -12 \end{pmatrix}$.

Answer [2]

Oct 06 Paper 2

19 (a) Find $(3 \quad 4) \begin{pmatrix} 5 \\ 2 \end{pmatrix}$.

Answer(a) [2]

(b) $\begin{pmatrix} 7 \\ 3 \end{pmatrix}(x \quad y) = \begin{pmatrix} 28 & 42 \\ 12 & 18 \end{pmatrix}$. Find the values of x and y .

Answer(b) $x = \dots$

$y = \dots$ [2]

(c) Explain why $\begin{pmatrix} 15 & 20 \\ 6 & 8 \end{pmatrix}$ does not have an inverse.

Answer(c) [1]