

Q1 Nov 2022

30	(a)(i)	$\begin{pmatrix} 1 \\ 5 \end{pmatrix}$	B1	for $\begin{pmatrix} 1 \\ 5 \end{pmatrix}$	
	(ii)	$\begin{pmatrix} 0 \\ 5 \end{pmatrix}$	M1	for substitution of values eg $\begin{pmatrix} 2 \times 2 - 4 \\ 3 \times 2 - 1 \end{pmatrix}$ oe OR for $\begin{pmatrix} 0 \\ b \end{pmatrix}$ or $\begin{pmatrix} a \\ 5 \end{pmatrix}$ where a, b are integer values.	Need not be shown in brackets at this stage
	(b)	correct vector drawn	A1	for $\begin{pmatrix} 0 \\ 5 \end{pmatrix}$	
			C1	for a correct vector drawn from point P	Need not be labelled but do not award if there is any ambiguity.