

3		$\overrightarrow{AB} = \mathbf{b} - \mathbf{a} = \begin{pmatrix} -4 \\ 2 \\ 9 \end{pmatrix}$ $\text{distance} = \sqrt{(-4)^2 + 2^2 + 9^2} = \sqrt{101}$	<p><b>B1</b></p> <p><b>M1</b></p> <p><b>A1</b></p> <p><b>[3]</b></p>	<p><b>2.1</b></p> <p><b>2.1</b></p> <p><b>2.1</b></p>	<p><b>AG</b></p> <p>Soi Allow for <math>\overrightarrow{BA}</math> even if wrongly labelled</p> <p>Attempt to find magnitude of their displacement vector</p> <p>cao AG</p>	<p>Do not allow final mark when there are missing brackets eg <math>-4^2 + 2^2 + 9^2</math></p>
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