	$\overrightarrow{OA} = \begin{pmatrix} 3 \\ -6 \\ p \end{pmatrix}$	ana	$OB = \begin{pmatrix} -6 \\ -7 \end{pmatrix}$,	
d angle $AOB = 90^{\circ}$.					
i) Find the value of	p.				
•••••	•••••		••••••	•••••	
	•••••				
••••••	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	•••••	•••••
		of \overrightarrow{BC} .			
		of \overrightarrow{BC} .			
		f BC .			
		of \overrightarrow{BC} .			
		f BC .			
		f <i>BC</i> .			
i) Find the unit vect					
ne point C is such that	or in the direction o				
i) Find the unit vect	or in the direction o				
ii) Find the unit vect	or in the direction o				

Relative to an origin O, the position vectors of points A and B are given by

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