





	perp vector of $C = \overrightarrow{OR} = Q$ perp vector of $C = \overrightarrow{OR} = C$
	perp vector of Midpoint D'of BC = OD = bxc
	perp vector of Midpoint 'F' of AB = OF = a+b
	$\frac{BC}{CA} = \frac{OC - OB}{OB} = C - D$ $\frac{CA}{AB} = \frac{OB}{OB} - OA} = b - a$
	ODIEC OFICA : OFIBA
>	0D · BC = 0
	$ \begin{array}{c} (\underline{b} + \underline{c}) \cdot (\underline{c} - \underline{b}) = 0 \\ (\underline{b} + \underline{c}) \cdot (\underline{c} - \underline{b}) = 0 \end{array} $
	$(c+b)\cdot(c-b)=0$
346	$c^2 - b^2 = 0 - 1$
7	OE·CA = 0
	$(a+c) \cdot (a-c) = 0$ $(a+c) \cdot (a-c) = 0$
	$a^2 - C^2 = 0 - 2$

from eq. 10 aux	(2		
$\frac{a^2 - b^2}{-(b^2 - a^2)} = 0$	)		
$b^{2}-a^{2}=0$ (b+a).(b-a)	) 6		
$(\underline{b}+\underline{g}).(\underline{b}+\underline{g}).(\underline{b}+\underline{g})$			
> OF LAB			
OF JAB			
Hence the sides are	perpendicular concurrent.	bisector of	f the D
Ĺ	#1:-		
1. D 2. B 83.3C			
4.D			