8	Three points have coordinates $A(0, 7)$ , $B(8, 3)$ and $C(3k, k)$ . Find the value of the constant $k$ which	for
	(i) $C$ lies on the line that passes through $A$ and $B$ ,	[4]
	(ii) $C$ lies on the perpendicular bisector of $AB$ .	[4]