

The diagram shows a circle with centre A passing through the point B. A second circle has centre B and passes through A. The tangent at B to the first circle intersects the second circle at C and D.

The coordinates of A are (-1, 4) and the coordinates of B are (3, 2).

(a)	Find the equation of the tangent <i>CBD</i> .	[2]
		•••••

		•••••
•••		•••••••
•••		•••••
• • •		•••••
•••		
•••		•••••
	End by coloulation the accordinates of C and D	
 Fi	Find, by calculation, the $x$ -coordinates of $C$ and $D$ .	
 Fi	Find, by calculation, the $x$ -coordinates of $C$ and $D$ .	
 Fi	Find, by calculation, the $x$ -coordinates of $C$ and $D$ .	
 Fi	Find, by calculation, the $x$ -coordinates of $C$ and $D$ .	
 Fi	Find, by calculation, the $x$ -coordinates of $C$ and $D$ .	
 Fi	Find, by calculation, the $x$ -coordinates of $C$ and $D$ .	
 Fi	Find, by calculation, the $x$ -coordinates of $C$ and $D$ .	
 Fi	Find, by calculation, the $x$ -coordinates of $C$ and $D$ .	
 Fi	Find, by calculation, the $x$ -coordinates of $C$ and $D$ .	
 Fi	Find, by calculation, the $x$ -coordinates of $C$ and $D$ .	
 Fi	Find, by calculation, the $x$ -coordinates of $C$ and $D$ .	
 Fi	Find, by calculation, the x-coordinates of C and D.	
 Fi	Find, by calculation, the x-coordinates of C and D.	
Fi	Find, by calculation, the x-coordinates of C and D.	
Fi	Find, by calculation, the x-coordinates of C and D.	
Fi	Find, by calculation, the x-coordinates of C and D.	
Ifi	Find, by calculation, the x-coordinates of C and D.	