(a)	Find an equation of the circle.	[2]
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		••••••
		••••••
The	the line $y = 5x - 10$ intersects the circle at A and B .	
	the line $y = 5x - 10$ intersects the circle at A and B . Find the exact length of the chord AB .	[7]
		[7]
		[7]
		[7]
		[7]
		[7]
		[7]
		[7]

