2	**(a)**		$(x \pm 6)^2$ and $(y \pm 4)^2$ $r = 7$ not from wrong working	**M1** **A1**	**1.1** **1.1**	completing the square twice **soi** **NB** $(x-6)^2 - 36 + (y+4)^2 - 16 + 3 = 0$ **oe** allow **B2** for $r = 7$ unsupported
			Alternatively $\pm 2a = -12$ **oe** and $\pm 2b = 8$ **oe** $r = 7$ not from wrong working	**M1** **A1**		 **NB** $r^2 = 6^2 + 4^2 - 3$
				[2]		
2	**(b)**		(6, –4)	**B1**	**1.1**	**FT** $(x \pm 6)^2 + (y \pm 4)^2$ **or FT** $\pm 2a = -12$ **oe** and $\pm 2b = 8$ **oe**
				[1]		