8	$(x-1)^2 + (y-3)^2 = r^2$	M1	2.1	Left side correct and = $r^2$	or line through centre which is
	$r^2 = (11)^2 + (-1 - 3)^2$	M1	1.1	Or find L first (B1B1), then find	perpendicular to L has
	L: $m = -2$ y = -2x + 11 oe substitution of their $y = -2x + 11$ in their	B1 B1	1.1 1.1	equation of line perp to L through (-1, 3) (M1M1) then substitute (M1), solve (A1) then check (E1).	equation $y-3 = \frac{1}{2}(x-1)$ meets L at $(3, 5)$ $(3+1)^2 + (5-3)^2 = r^2 = 20$ so
	$(x+1)^{2} + (y-3)^{2} = 20$ $x^{2} - 6x + 9 = 0 \text{ oe}$ $(x-3)^{2} = 0 \text{ so repeated root}$	M1 A1	1.1 1.1	or $(-6)^2 - 4 \times 1 \times 9 = 0$	lines meet at circumference of circle at right angles so L is a tangent
	Hence line touches the curve and is a tangent	E1 [7]	2.4	and the second s	