

Question			Answer	Mark	AO	Guidance
3	(a)		$(x - 3)^2 - 9$	M1 A1 [2]	1.1 1.1	M1 for $(x - 3)^2 \pm k$ or $(x + 3)^2 - 9$ A1 for all correct
3	(b)		$(x - 3)^2 - 9 + y^2 - 16 = 0$ $(x - 3)^2 + (y - 0)^2 = 25$ or $(x - 3)^2 + y^2 = 25$ Centre (3, 0), radius = 5	M1 A1FT A1 [3]	1.1 1.1 1.1	oe, substituting their completed square form - FT their (a) FT their (a) – must see constant terms combined cao