Question	Answer	Marks	Partial Marks
7	Eliminates one variable e.g. $x^2 = 5(x^2 - 2x + 1) - 1$ or $y = 5y - 1 - 2\sqrt{5y - 1} + 1$	**M1**	
	Collects terms ready to solve e.g. $4x^2 - 10x + 4 = 0$ or $4y^2 - 5y + 1 = 0$	**A1**	
	Factorises, applies the formula or completes the square e.g. $2(2x - 1)(x - 2)$ or $(4y - 1)(y - 1)$	**M1**	
	Both $(0.5,\ 0.25)$ and $(2, 1)$	**A2**	**A1** for either $(0.5, 0.25)$ or $(2, 1)$ provided nfww or $x = 0.5, 2$ or $y = 0.25, 1$
8(a)	Valid explanation e.g. Each value of x is mapped to a unique value of y.	**B1**	
8(b)	$-5 \leqslant f \leqslant 1$	**B1**	
8(c)	$a = 3, b = 0.75$ oe, $c = -2$	**B4**	**B1** for $a = 3$ **B1** for $c = -2$ **M1** for $\frac{2\pi}{b} = \frac{8\pi}{3}$ oe **A1** for $b = 0.75$ oe