6	**(a)**			One-one	Many-one	Own inverse	Not a function	**B4 [4]**	**1.2 1.2 1.1 2.2a**	B4 for all 5 rows correct B3 for 3 or 4 rows correct B2 for 2 rows correct B1 for 1 row correct
			1		√					
			2				√			
			3	√		√				
			4	√						
			5		√					
6	**(b)**		$\geq \frac{1}{2}$					**B1**	**1.2**	$\geq \frac{1}{2}$ soi, no top limit (except ∞). Allow $> \frac{1}{2}$ Allow f(x) or $\frac{1}{x}$ or any letter or none for 1st B1

Question			Answer	Mark	AO	Guidance
			$\{y: y \geq \frac{1}{2}\}$, $\{y: \frac{1}{2} \leq y < \infty\}$, $\{y: \frac{1}{2} \leq y \leq \infty\}$ or $[\frac{1}{2}, \infty)$ or $[\frac{1}{2}, \infty]$	**B1** **[2]**	**2.5**	Correct range in set notation. Any letter (not x) or $\frac{1}{x}$ or f(x)