

2	(a)		$\sqrt{25-x^2}$	B1 [1]	1.1	Isw
2	(b)	(i)	$25-x^2 \geq 0$ $-5 \leq x \leq 5$ o.e.	M1 B1 B1 [3]	1.1a 2.2a 2.5	Implied by B2 At least one part of the domain correct, condone missing = for this mark, e.g. $x < 5$ Can score M0 B1 Domain completely correct and correctly expressed Eg allow $x \geq -5$ and $x \leq -5$ but not $x \geq -5$ or $x \leq -5$ or other ambiguous notation eg a comma Condone $x \leq \pm 5$ seen in working if final answer is correct
2	(b)	(ii)	$0 \leq fg(x) \leq 5$ or $0 \leq y \leq 5$	B1 B1 [2]	2.2a 2.5	At least one part of the range correct, condone missing = for this mark, e.g. $y < 5$, allow use of $f(x)$ or $g(x)$ notation here but not x Range completely correct and correctly expressed See notes in 2(b)(i)