



Q	Answer	Marks
1	a) $x > 5$, $n \leq 10$, $y \geq -2$ b) $x < 4$ means less than 4, so 4 is not included; $x \leq 4$ means less than or equal to 4, so 4 is included	3
2	-1, 0, 1, 2, 3	2
3	a) $x > -2$ b) -1	2
4	Open circle at -1, solid circle at 3, joined by a line	2
5	$-1 \leq x < 4$	2
6	$x < 4$	2
7	a) $4 + 2m \leq 15$ b) 5	3
8	a) $x \geq 3$ b) Solid circle at 3 with a line and arrow pointing right	3
9	$x > 6$	3
10	a) $-2 < x \leq 4$ b) -1, 0, 1, 2, 3, 4	4
11	a) $3 \leq x < 6$ b) filled circle at 3, open circle at 6, joined by a line	3
12	a) $10 < 2n + 3 \leq 21$ b) 4, 5, 6, 7, 8, 9	4

Full worked solutions, written out by hand, are on the solutions sheet for this topic.