Paper: 1MA1/1F				
Question	**Working**	**Answer**	**Mark**	**Notes**
19 (a)		9.5	M1	expands brackets or divides by 4 as a first step
			A1	oe
(b)		−2, −1, 0, 1, 2	B2	ca
Q1			(B1)	(for the numbers −2, −1, 0, 1 (accept with −3 and/or 2 only), or 4 correct with no incorrect)

Pape: 1MA1/1F				
Question	**Answe**	**Mark**	**Mark scheme**	**Additional guidance**
19	$3 \le p < 1$	C2	for $-3 \le p < 1$ or $p \ge -3$, $p < 1$ oe	Accept use of a letter other than p.
		(C1	for $-3 \le p$ or for $p < 1$ or for $-3 < p \le 1$ oe)	
Q2				

Paper: 1MA1/2F				
Question	**Answer**	**Mark**	**Mark scheme**	**Additional guidance**
10	$14 < 21$ $4+7 = 103 - 92$ $2^2 = 2 \times 2$ $-3 > -5$	B2	for all 4 correct	
Q3		(B1	for 2 or 3 correct)	

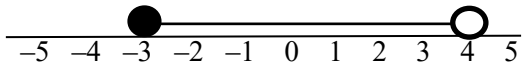
Paper: 1MA1/1F				
Question	**Answer**	**Mark**	**Mark scheme**	**Additional guidance**
23 **Q4**	$x < 5$	M1 A1	for adding 27 to both sides or dividing throughout by 7 (in an inequality or an equation) as a first step **or** showing 5 as the critical value cao	 Can be written as $x = 5$

Paper: 1MA1/2F				
Question	**Answer**	**Mark**	**Mark scheme**	**Additional guidance**
14 (i) **Q5** (ii)	> =	B1 B1	cao cao	

Paper: 1MA1/3F				
Question	**Answer**	**Mark**	**Mark scheme**	**Additional guidance**
19 (a)	Inequality shown	B2	for fully correct solution with all three aspects with no ambiguity Aspect 1: circle at 4 Aspect 2: circle not shaded Aspect 3: arrow pointing left or line extending beyond −5, starting from their circle	Circling the number 4 alone scores B0 Aspect 1 and Aspect 2 must relate to the same circle.
Q6		(B1	for any two aspects)	
(b)	4,5,6,7	B2	for all four numbers in any order	
		(B1	for 2 or 3 correct values with no errors **or** 4 correct values with one extra)	
(c)	$x \geq 6$	M1	for a correct intention to subtract 5 from both sides **or** a correct intention to subtract x from both sides	Can work with an equation for both M marks
		M1	for a full method to solve the inequality **or** showing a critical value of 6	Award 2 marks for an answer of x ? 6 where ? is an = or any incorrect inequality symbol, or for an answer shown as just 6.
		A1	cao	

Paper: 1MA1/2F				
Question	**Answer**	**Mark**	**Mark scheme**	**Additional guidance**
20 (a)	$n > 2$	M1	for a method to isolate terms in n in any inequality or equation eg. $14n - 11n > 6$ or $n = 2$	Ignore incorrect inequality sign and accept "=" sign
		A1	cao	
(b)	 	M1	for $-2 - 3 < x \leq 4 - 3$ $(-5 < x \leq 1)$	A circle around −5 and 1 implies M1
		M1	for drawing a line from −5 to 1 **or** (indep) for an open circle at either −2 or −5 **or** (indep) for a closed circle at 4 or 1	A line from −5 to 1 implies M2 if no working shown
		A1	cao	

Q7

Paper: 1MA1/2F				
Question	**Answer**	**Mark**	**Mark scheme**	**Additional guidance**
21 (a)	$x > -1$	B1	cao	
(b)	Diagram drawn	C2	for a fully correct diagram, eg  	
		(C1	for drawing a line from −3 to 4 **or** (indep) for an open circle at 4 **or** (indep) for a closed circle at −3)	Condone arrow heads or line ending to denote the 'end' of the line

Q8

Paper: 1MA1/1F				
Question	**Answer**	**Mark**	**Mark scheme**	**Additional guidance**
26 (a)	$x > 6$	M1	for a correct first step, eg subtracts 3 from both sides or multiplies all terms by 2	Could be seen as an equation for both method marks, eg $5x + 6 = 36$ or $5x = 30$
		M1	(dep M1) for a correct second step, eg multiplies both sides by 2 **or** divides both sides by 5 **or** gives the critical value, 6.	First 2 marks may be awarded for critical value of 6, eg $x = 6$
		A1	for $x > 6$	
(b)	$(x + 9)(x + 1)$	M1	for $(x \pm 1)(x \pm 9)$ **or** for $(x + a)(x + b)$ where product of a and $b = 9$, eg $(x + 3)(x + 3)$ or $(x - 3)(x - 3)$ or the sum of a and $b = 10$, eg $(x + 5)(x + 5)$ or $(x + 6)(x + 4)$	
Q9		A1	for $(x + 9)(x + 1)$	