

1	(a)		$4m + 8$	1	B1	do not isw further incorrect working
2	(e)		$12g + 4$	1	B1	
3	c	$x^2 - 5x + 2x - 10$			M1	for any 3 correct terms or for 4 out of 4 correct terms ignoring signs or $x^2 - 3x \dots$ or for $\dots - 3x - 10$
			$x^2 - 3x - 10$	2	A1	
4	(a)		$3e^2 - 5e$	1	B1	
5	(a)	$m^2 - 8m + 5m - 40$		2	M1	for any 3 correct terms or for 4 out of 4 correct terms ignoring signs or for $m^2 - 3m \dots$ or for $\dots - 3m - 40$
			$m^2 - 3m - 40$		A1	
6	(a)		$5x - x^2$	1	B1	
7	(a)	$6x^2 + 9x - 3x^2 - 5x$		2	M1	expansion with at least 3 correct terms (must see for example, $6x^2$ and not just $3x \times 2x$)(can assume that no sign in front of a number is a + if terms written in a list or table)
		<i>Working not required, so correct answer scores full marks (unless from obvious incorrect working)</i>	$3x^2 + 4x$		A1	or $4x + 3x^2$ or $x(3x + 4)$ or $x(4 + 3x)$
8	a		$15a + 20$	1	B1	
9	(c)		$12t^2 - 8t$	2	B2	B1 for $12t^2$ or $-8t$
	(d)	$5x^2 + 20x - 2x - 8$		2	M1	for 4 correct terms (ignoring signs) or 3 correct terms with correct signs. or $5x^2 + 18x + \dots$ or $\dots + 18x - 8$
			$5x^2 + 18x - 8$		A1	
10	(a)		$4x - x^2$	1	B1	
11	(a)	$8x^2 + 20x - 6x^2 + 9x$		2	M1	3 correct terms or all 4 terms condoning incorrect signs
			$2x^2 + 29x$		A1	
12	(a)		$3c^4 + 12c^3$	2	B2	for $3c^4 + 12c^3$ (B1 for $3c^4$ or $12c^3$)
13	(c)		$3x + 12$	1	B1	or $12 + 3x$
14	(a)	$n^2 - 6n + 4n - 24$		2	M1	for any 3 correct terms or for 4 out of 4 correct terms ignoring signs or for $n^2 - 2n \dots$ or for $\dots - 2n - 24$
			$n^2 - 2n - 24$		A1	oe
15	(c)		$x^2 + 5x$	1	B1	
16	(b)		$8x - x^2$	1	B1	or $-x^2 + 8x$

17	(a)	$2x^2 - 3x + 14x + 7$ (-5)		3	M1	for at least 3 correct terms for the multiplying of the 2 brackets
					M1	2 of the 3 correct terms in an expression in the form $ax^2 + bx + c$ where a , b and c are integers
			$2x^2 + 11x + 2$		A1	can be any order
	(b)	$2y - 4y + 8 - y^2$		2	M1	for 3 correct terms or for 4 correct terms ignoring signs or $\dots - 2y - y^2$ or $8 - 2y - \dots$
			$8 - 2y - y^2$		A1	Any order but simplified.

18	(a)		$10x - x^2$	1	B1	oe eg $-x^2 + 10x$
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19	(d)		$10 + 15h$	1	B1	
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20	(a)		$4x^2 - 20x$	1	B1	or $-20x + 4x^2$
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21	(b)		$p^2 - 2p$	1	B1	accept $-2p + p^2$
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	(e)	$x^2 + 5x - 7x - 35$		2	M1	for any 3 correct terms or for 4 out of 4 correct terms ignoring signs or for $x^2 - 2x \dots$ or for $\dots - 2x - 35$
		<i>Correct answer scores full marks (unless from obvious incorrect working)</i>	$x^2 - 2x - 35$		A1	oe Ignore solutions/roots if correct expansion seen

22	(a)		$3x - x^2$	1	B1	
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