1 (a)	$(x + 2)(x + 7)$	M1	brackets in either order
	$(x + 2)(x - 2)$	M1	brackets in either order
	$\frac{x+7}{x-2}$	A1	
	Additional Guidance		
	Further cancelling, eg $\frac{x+7}{x-2} = \frac{7}{2}$		M1M1A0

Q	Answer	Mark	Comment
2	$3x \equiv x + 2x$	B1	

Q	Answer	Mark	Comment
3	$6x^2 + 8x - 15x - 20$ or $6x^2 - 7x - 20$	M1	allow 4 terms with 3 correct or $6x^2 - 7x + k$, where k is a non-zero number
	$-11x^2 + 22x$ or $5x^2 - 15x - 5$	M1	
	$6x^2 + 8x - 15x - 20$ or $6x^2 - 7x - 20$ and $-11x^2 + 22x$ and $5x^2 - 15x - 5$	A1	
	$6x^2 + 8x - 15x - 20$ or $6x^2 - 7x - 20$ and $-11x^2 + 22x$ and $5x^2 - 15x - 5$ and -25	A1	
	Additional Guidance		
	Allow terms seen in a grid		
	Sign errors cannot be recovered		
	Ignore equating the expression to zero		

Q	Answer	Mark	Comments
4(a)	One of $12x^2 + 8x$ $-12x^2 + 10x$ $-18x - 42$	M1	may be seen in a grid
	Two of $12x^2 + 8x$ $-12x^2 + 10x$ $-18x - 42$	M1dep	may be seen in a grid
	$12x^2 + 8x$ and $-12x^2 + 10x$ and $-18x - 42$ and -42	A1	must see 6 correct terms and a final simplification to -42
	Additional Guidance		
	For terms seen in a grid accept eg $8x$ for $+8x$		
	Accept multiplication signs between coefficients and algebra eg $12 \times x^2 + 8 \times x$		1st M1
	Accept eg $+-12x^2$ for $-12x^2$		
	Do not accept unprocessed brackets eg do not accept $-(18x + 42)$		
	Crossed out terms are likely to be their working rather than deleted work		