Question	Answer	Mark	Comments
1	$(x + a)(x + b)$	M1	where $a + b = 7$ or $ab = 10$
	$(x + 2)(x + 5)$	A1	
	Additional Guidance		
	Ignore attempts to solve their $(x + a)(x + b) = 0$ for M1A0 or M1A1		
	Condone missing final bracket		
	Ignore a check of a correct solution (multiplying out or similar)		

Q	Answer	Mark	Comments
2	$50(x + 2)$	B2	B1 $25(2x + 4)$ or $10(5x + 10)$ or $5(10x + 20)$ or $2(25x + 50)$
	Additional Guidance		
	$(x + 2)50$		B2
	$50(x + 2$		B2
	$50(1x + 2)$		B1
	$50 \times (x + 2)$ or $(x + 2) \times 50$		B1
	Ignore a multiplication sign in B1 response		B1
	$50(x + 2)$ followed by further incorrect simplification		B1
	B1 may be awarded for a correct partial factorisation, with no or incorrect answer, even if this is seen amongst multiple attempts		

Q	Answer	Mark	Comments
3(a)	$7(3x + 4)$	B1	
	Additional Guidance		
	Condone missing final bracket ie $7(3x + 4$		B1
	Allow multiplying back out to check their answer		
	Further incorrect work after a correct response is B0 eg $7(3x + 4) = 7(7x)$		B0
	$7(x3 + 4)$		B0
	$7 \times (3x + 4)$		B0

Q	Answer	Mark	Comments
4	$3(4a + 5b)$	B1	
	Additional Guidance		
	Condone missing final bracket ie $3(4a + 5b$		B1
	Allow multiplying back out to check their answer		
	Further incorrect work after a correct response is B0 eg $3(4a + 5b) = 27ab$		B0
	$3(a4 + b5)$		B0
	$3 \times (4a + 5b)$		B0

Q	Answer	Mark	Comments
5(a)	$(x + 3)(x + 5)$	B2	either order B1 $(x + a)(x + b)$ where $ab = 15$ or $a + b = 8$
	Additional Guidance		
	Accept $1x$ for x throughout		
	$(3 + x) \times (x + 5)$		B2
	Condone missing final bracket eg $(5 + x)(3 + x$		B2
	Ignore any attempt to solve $(x + 3)(x + 5) = 0$ eg $(x + 3)(x + 5)$ followed by $x = 3$, $x = 5$		B2

Q	Answer	Mark	Comments
5(b)	$(y =) -2 \quad (y =) 4$	B1	either order
	Additional Guidance		
	Accept any letter eg $x = -2 \quad x = 4$		B1
	–2 and 4 on the answer line		B1
	–2 and 4 written separately in the stem unless contradicted by answer line		B1
	–2 and 4 written with $(-2 + 2)(4 - 4)$ unless contradicted by answer line		B1
	$(-2 + 2)(4 - 4)$ on answer line		B0
	$(-2 + 2)(4 - 4)$ even if –2 and 4 circled or indicated as the embedded values		B0