

Section A

Question	Answers	Marks	Notes
1 (a)	correct attempt at 2.8×3.5	M1	allow any correct method, numbers must be in correct columns, gelosia method with two correct boxes
	700 or 280 seen	W1	840 or 140 seen
	9.8(0)	A1	W3 for 9.8(0)
(b)	attempt at $1.88 \div 0.4$	M1	W2 for figs 98
	4.70	A1	allow any correct method
		5	W2 for 4.70
			W1 4.7 or figs 47
2 (a)	8 0 1 7 7 4 6 0 2 5 3 4 6 8 9 4 3 5 3 2 2 6	M1 M1	attempt to put data into groups (allow 80,70...) dep. on M1, correct stem, with at most three errors (allow 8 80 81 87)
(b)	Key $23 = 23$ 58	A1 W1	fully correct ft their ordered stem and leaf
		4	
3(a)(i)	$2x + 6$ $2x + 6 - 6 = 15 - 6$ or better $\frac{9}{2}, 4\frac{1}{2}$ or 4.5	M1 M1 A1	15+2 or 7.5 their '7.5' - 3, ft $2x+3=15$ W3 for $\frac{9}{2}, 4\frac{1}{2}$ or 4.5
(ii)	$3x = x - 2 - 8$ or better $3x - x =$ their "10" or better 5	M1 M1 A1	allow embedded W3 for 5
(b)	$6(x + 2)$	W1	$2(3x+6)$ or $3(2x+4)$
		7	
4 (a)	3	W1	allow $\times 3$
(b)	lines through two pairs of vertices (2,1)	M1 A1	accept alternate proofs (eg vectors) or (2,1) marked on graph
		3	W2 for (2,1)
5 (a)	Two correct pairs of co-ords seen Two correct points plotted Straight line ruled	M1 M1 A1	allow embedded ft their points implies 1 st M1 W3 correct line
(b)	(0, 1)	W1	ft their straight line
		4	
6 (a)	$\frac{4}{27}$	W1	i.s. simplification
(b)	$\frac{4}{15}$	W1	i.s. simplification
		2	

Total for A : 25 marks