Section B

7	(a) 4.62	2	M1 for 300/700 × £10.78 o.e. [may be implied by ans 4.52 to 4.64] or for digits 154 seen
	(b) 1.247	3	W2 for other rot versions to 3 or more sf of 1.246... or for 1.248 or digits 1247 or M2 for $\frac{700}{10.78} \times 19.2 \div 1000$ o.e. or W1 for other digits 124(0) to 125(0) or for other answer 1.2 to 1.3 with no working [if eg 1246 seen will imply M2] or M1 for $\frac{700}{10.78} \times 19.2$ o.e. or for 15.40
		[5]	
8	(a) 34(.4..)	4	M1 for at least 3 midpts 5, 15 etc seen M1 for at least 3 of fx seen or 3100 [allow from other 'midpts' or endpts] M1 for sum of fx ÷ 90 SC2 for 29(.4..) or 39(.4..)
	(b) 4.4(6...) or 4.5	3	M2 for 29 ÷6.5 o.e., M1 for 29 ÷6.3 or other distance ÷ time attempt using our data or W1 for 4.6(..) or 0.07(4..) W0 for 4 with no evidence
	(c) 45 km	2	M1 for 15 seen or 30 × 1.5
		[9]	
9	(a) 113	3	M1 for 9.4(0) = 0.05*m* + 3.75 and M1 for 5.65 [= 0.05*m*] or W2 for digits 113 seen
	(b) C = 0.08m + 2[.00]	2	condone £ symbol included W1 for 0.08m seen or for C = 8m + 2 or C = 0.8m + 2, C = 8m + 200 etc
	(c)(i) $\frac{C}{0.2}$ or 5C	1	0 for C = 8pm + 2 etc
	(ii) straight line through origin positive gradient (or going up o.e.)	1	for 2 of these 3 statements or for sketch showing all 3; 0 for 'positive correlation' without 'straight line
		[7]	
10	6.6(48..) or 6.65 or 6.7	4	M1 for $12.7^2 + 10.3^2$ or 267.38 seen then M1 for square root (allow also from $12.7^2 - 10.3^2$) M1 for 23 – their AC or W3 for 16.3(5..) 0 if evidence of scale drawing, except may earn last M1
		[4]	