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Mark Scheme Notes

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Penalties

1	(i)	0
	(ii)	0 0
2	(i)	6
	(ii)	6
	(iii)	2 2
		2 2
		6
		2 2
		6
3	(i)	-1
	(ii)	-2
4	(i)	
	(ii)	-2
	(iii)	

5 (i)

0
0
0 0

(ii)

0
-2

6 (i)

-2

(ii) 1 2

2 2 2
1 2

(iii) 1

(ii)
2
1 2

(Alternative for part (iii))

-1

1 2 1 2

(ii) 1 2 **(iii)**

(Alternatively for parts ii and iii using v-t graph)

1 2

1 2

1 2 1 2

1 2
1 2

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7 (i) 2 §
∇

(ii) 1 2 3

$$\frac{1000 + s_2}{50 + t_2} = 27.5$$
2 2 2 2
2 2 2

(Alternative for part (ii)) 2 3
1 2 2
2 1 2

**MARK SCHEME for the October/November 2009 question paper
for the guidance of teachers**

9709/42

9709 MATHEMATICS

Paper 42, maximum raw mark 50

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