Calculus in kinematics

Answers

GCSE Maths topic practice

This topic online

Q	Answer	Marks
1	**a)** 6t + 4 **b)** 16	2
2	**a)** 12 - 4t **b)** -8	2
3	**a)** $3t^2$ - 12t + 9 **b)** 6t - 12 **c)** 12	4
4	t = 1 or t = 4	3
5	**a)** 6t - 18 **b)** t = 3	3
6	**a)** 60t - $3t^2$ **b)** 108	3
7	**a)** t = 3 **b)** 45	4
8	**a)** 24 - 6t **b)** t = 4 **c)** 48	4
9	**a)** t = 6 **b)** -36	4
10	**a)** t = 2 or t = 5 **b)** 52	5

Full worked solutions, written out by hand, are on the solutions sheet for this topic.

Free for classroom and home use: print, photocopy and share. Not for resale or re-hosting.