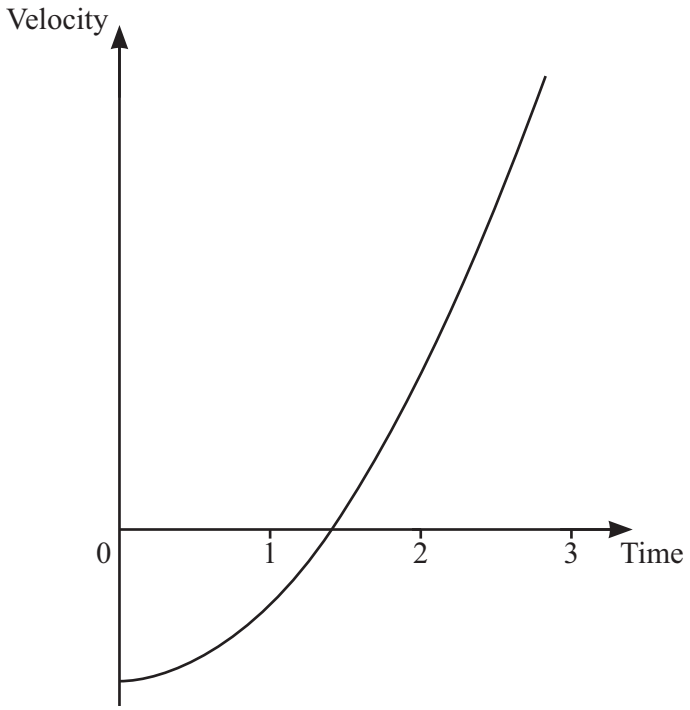
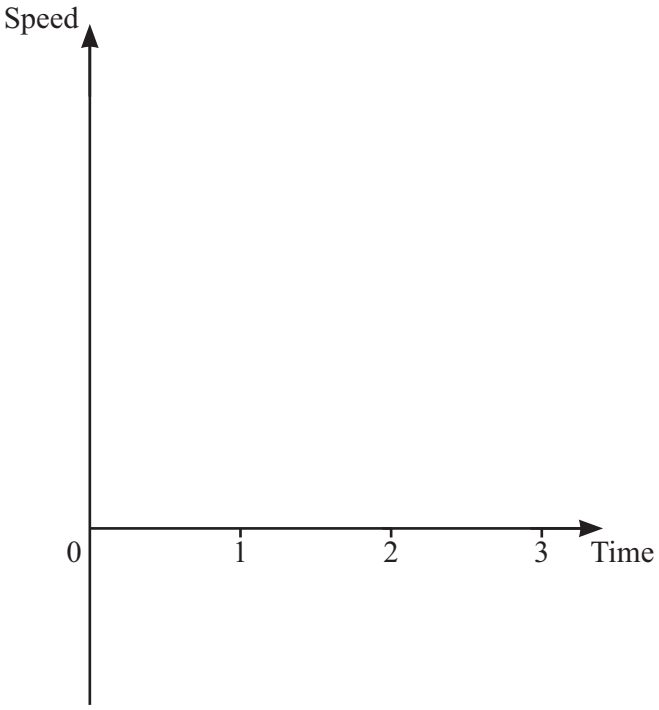
8 Solve the simultaneous equations $\frac{x}{2y} - \frac{4y}{x} = -1$ and $x = 1 - 6y$. [5]

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9 The diagram shows the velocity–time graph for a particle moving in a straight line.



(a) On the diagram below, sketch the speed–time graph for the motion of this particle. [1]



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