
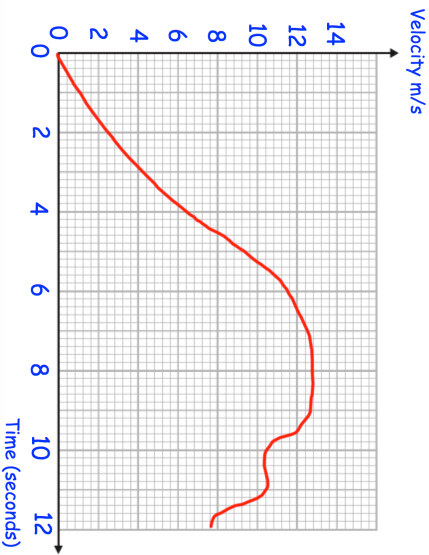

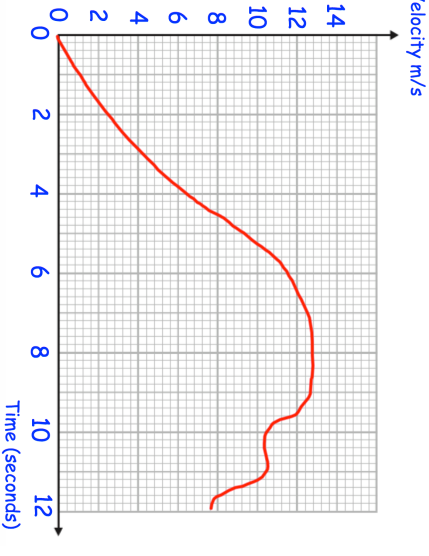


5th November 	
Work out $27^{\frac{2}{3}} \times 2^{-3}$ giving your answer as a decimal	
	
Here is a velocity/time graph for the first 12 seconds for a particle	
Calculate an estimate for the acceleration of the particle at 6 seconds.	Calculate an estimate for the distance travelled by the particle in the first 12 seconds
Calculate an estimate for the average velocity of the particle over the first 12 seconds.	Calculate an estimate for the average acceleration over the first 4 seconds.

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