

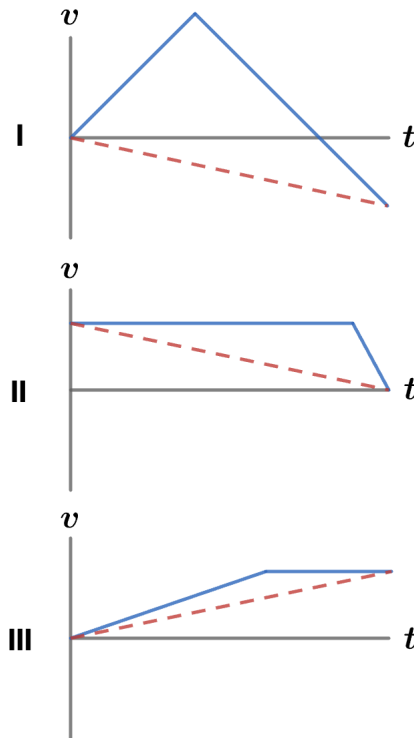
## 2011 F=ma Exam: Problem 2

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Recall the average acceleration is given by

$$\bar{a} = \frac{\Delta v}{\Delta t}$$

which on a  $v$ - $t$  plot corresponds to the slope of the line connecting the beginning and end points.



In our case, the magnitudes of the slopes are equal for all three objects so the answer is E.