

6	<p>A is the correct answer as $v = \sqrt{T/\mu}$, where $T = Mg$ and $\mu = \text{mass } m \text{ per unit length, where length} = 4L/3$</p> <p>B is not the correct answer as this suggests the overall length of the string is $2L/3$</p> <p>C is not the correct answer as this suggests the overall length of the string is L</p> <p>D is not the correct answer as this suggests the overall length of the string is $L/3$</p>	(1)
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