

3	<p><b>B is the correct answer</b></p> <p>A is not the correct answer as the magnitude of the final velocity would be greater and a little less to the right.</p> <p>C is not the correct answer as the final velocity would be greater and to the left of the original velocity.</p> <p>D is not the correct answer as the final velocity would be similar to C, but more to the left and of a lesser magnitude.</p>	(1)
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