



A runner is going around a track. She is initially moving with a velocity vector of $(0.00, -8.00)$ m/s and her constant acceleration is $(1.10, 1.10)$ m/s². What is her velocity 7.23 seconds later? Round the final velocity components to the nearest 0.01 m/s.

Why?

Check your Why? with Mr. C before continuing.

How?

Show all work including substitution with units.

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Open the short cut **IP 2D Accel** in the folder on one of the lab stations.

Enter the answer you found above. Check your answer by hitting the check button.

If your answer is not correct follow the interactive steps below the problem to work through the solution. Write the correct steps with solution on the back of this page.