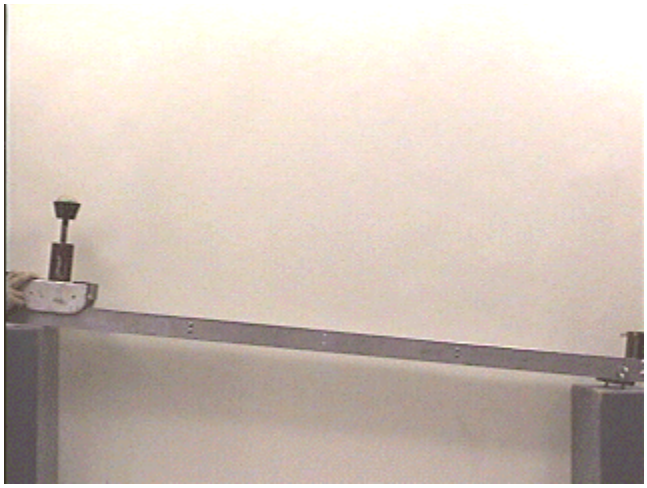
Question #8

In Questions #6 and #7, we saw how a funnel cart works when the track is horizontal. For this question we will investigate what happens when the track is tilted. Before attempting this question you may want to review the questions for the previous two weeks.

Now suppose that the track is tilted, as shown in the figure below, so the cart is accelerating down the incline when it gets to the point on the track at which the ball is ejected - this time *perpendicular* to the track.



Where will the ball fall this time?

- (a) The ball will fall in front of the funnel.
- (b) The ball will fall behind the funnel.
- (c) The ball will fall IN the funnel.

Click here for Answer #8 after April 17, 2000.

Question of the Week

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For questions and comments regarding the *Question of the Week* contact Dr. Richard E. Berg by e-mail or using phone number or regular mail address given on the Lecture-Demonstration Home Page.