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First name:

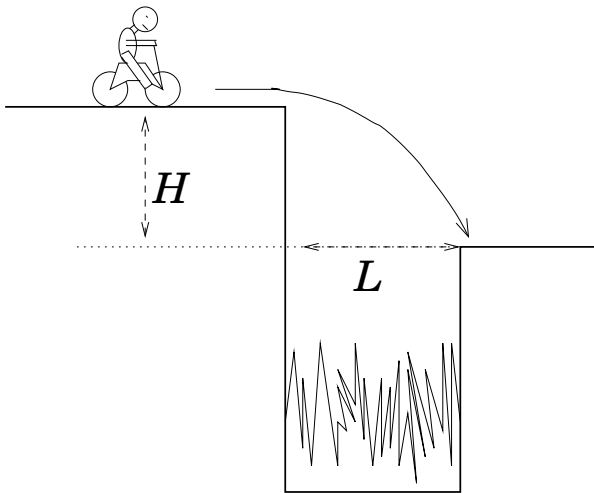
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No Name = No grade. Write your name **NEATLY**. If I can't read it, you get **NO** credit.

Circle your section: 810 811 812

Failure to circle the correct section will delay the return of this quiz.

A motorcyclist must jump over a chasm. At the bottom of the chasm is some really nasty sharp stuff that the motorcyclist needs to avoid. The width of the chasm is L , and the vertical drop from one side to the other is H . Assume the motorcyclist leaves with an initial horizontal velocity. Calculate the minimum velocity he must have to make it to the other side.

Express your answer in terms of L , H , and g .

Answer: _____