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:_______________