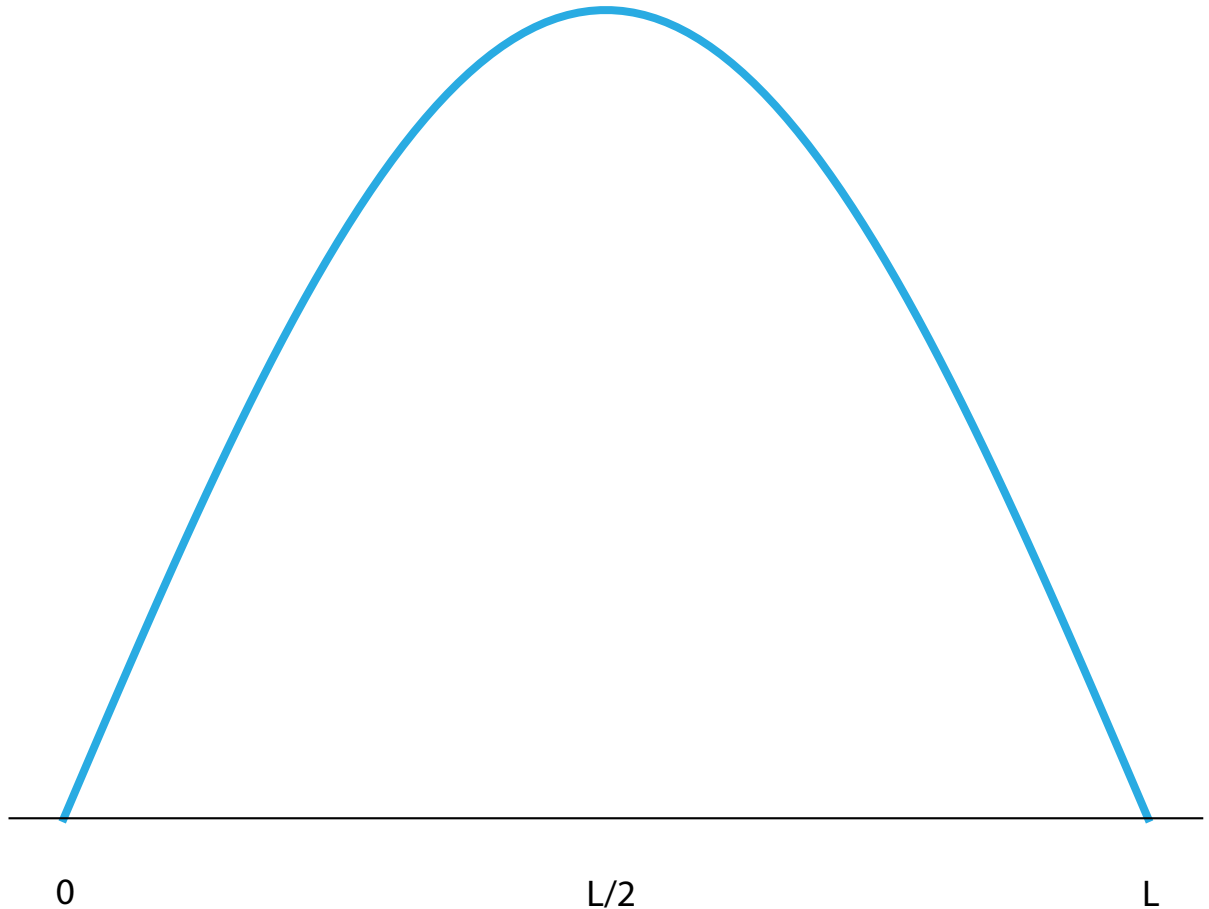


## Wave function of a ground state electron in a box of arbitrary length $L$

The function takes this form regardless of the specific value of  $L$ . The y values will change with the length, but they don't have a useful physical meaning. The important thing is the shape.



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