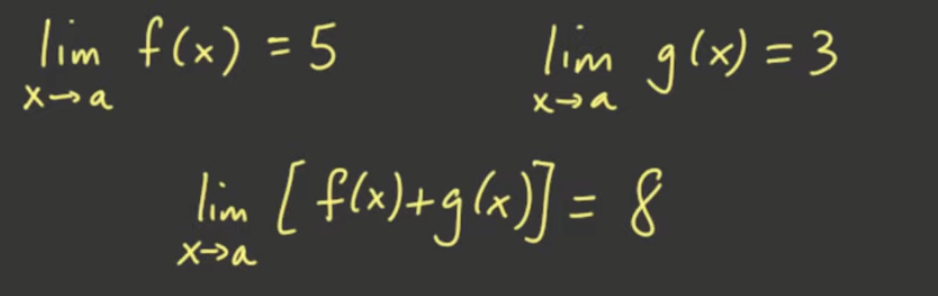
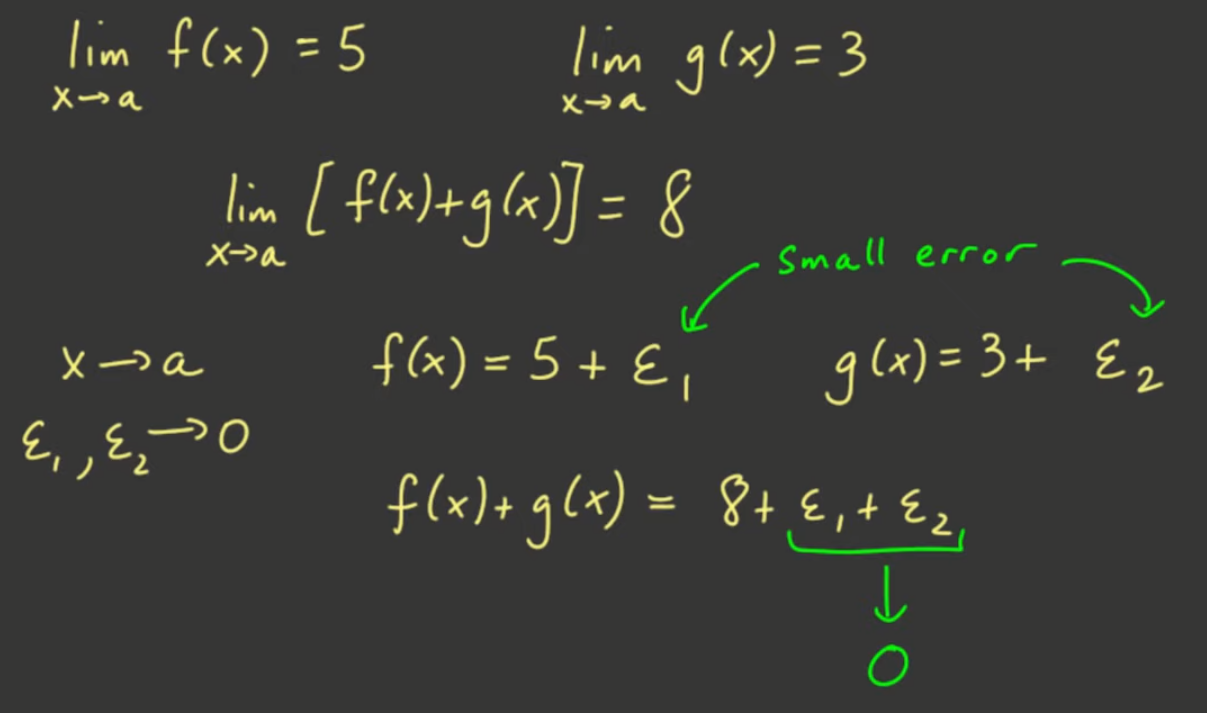
Limit Laws

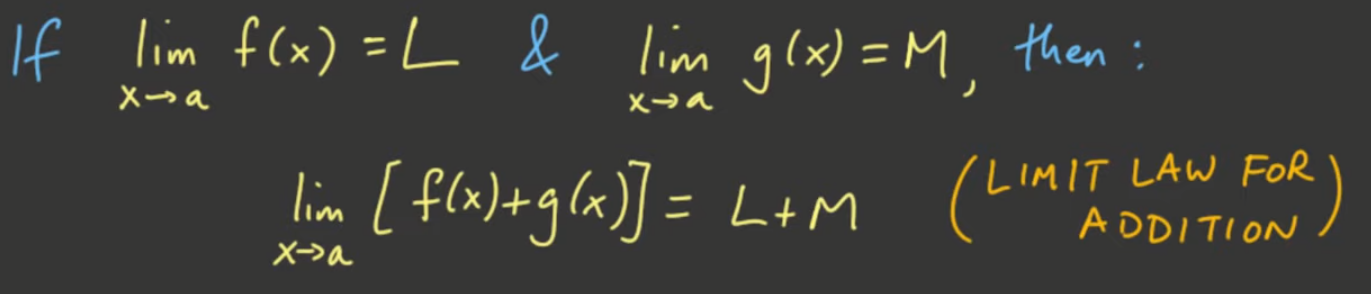
Addition law: **The limit of the sum is the sum of the limits**



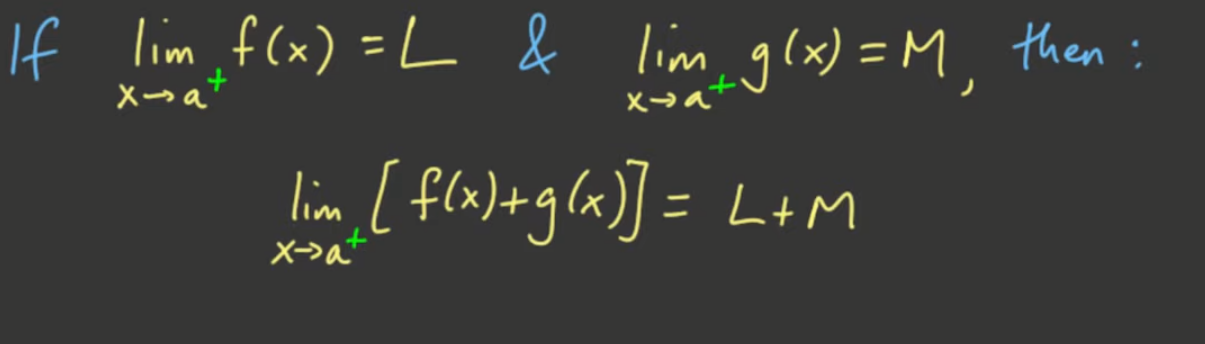
Justification:



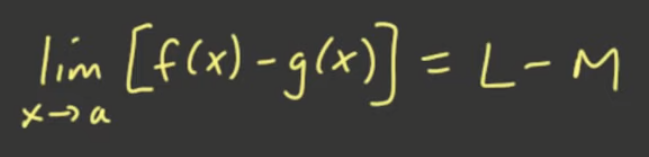
General statement:



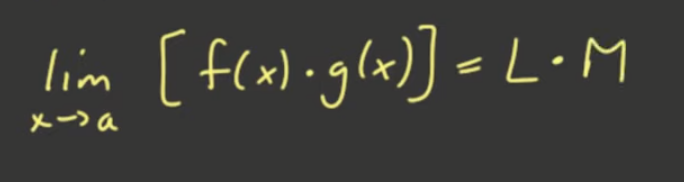
* also works for one-sided limits
  + Just make sure that you are coming from the SAME side of the limits



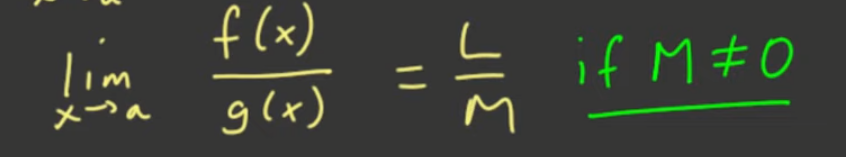
Subtraction Law (same as addition)



Multiplication Law (same as addition)



Division Law



* If M = 0, we will see it in the other sections of the lectures

Summary:

