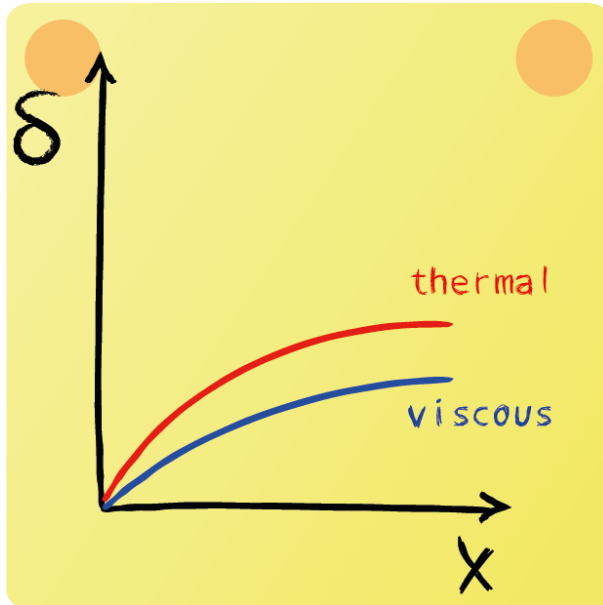


Lecture 2 - Question 3



Consider the following thermal and viscous boundary layer for a given flow over a flat plate. Which statement is true? Assume steady-state heat transfer and an ideal gas.



Pr $\ll 1$. When the Prandtl number is small, it means that heat diffuses quickly relative to the momentum diffusivity.