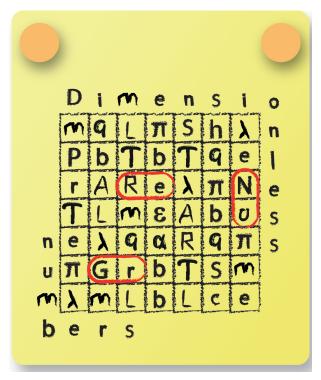


Dimensionless Number: Task 11



Define the Reynolds number for a problem with characteristic length L.



Reynolds number is given as $\text{Re}_L = \frac{\rho uL}{\mu}$, it is an important indicator wether a flow is laminar or turbulent. Moreover it gives an orientation if viscous forces are neglectable for a specific problem.

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