

My name is: _____

WORD PROBLEM 3, *REYNOLDS NUMBERS, CONTINUED*

For Lab2 (Cylinder Reynolds numbers), please calculate the cylinder Reynolds numbers for each flow velocity and cylinder radius. For this calculation, use radius rather than diameter. For WP2, please calculate the local Reynolds number in the two cases given. For each calculation indicate whether viscosity or inertia dominates or whether that case is intermediate. You can label them L for laminar, T for turbulent and I for intermediate.

Your calculations are due in my mailbox (physical or electronic) by 0900 hours Monday, 22 September. The reason for this choice of assignment is that nobody did these calculations on the previous homeworks, and they would have been informative.