



River Flow

1. Measure depths every x feet across stream
2. Add up depths
3. Multiply by x feet = area in feet^2
4. Time a floating object y feet
5. Divide y by time = speed in $\frac{\text{feet}}{\text{sec.}}$
6. Average speeds
7. Multiply area \times speed = flow in $\frac{\text{ft}^3}{\text{sec.}}$

