

Big Ideas: Fluid Dynamics

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Introduction

Differential and Integral Forms of Governing Equations

Check Your Understanding

Select true or false.

The exact solution to the differential form of mass conservation will **not** satisfy the corresponding integral form.

- True
- False

Eulerian Frame of Reference

Check Your Understanding

Select true or false.

If the velocity of a fluid particle is changing with time, the flow has to be unsteady.

- True
- False

[Go to Step 2: Differential Form of Mass Conservation](#)

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