

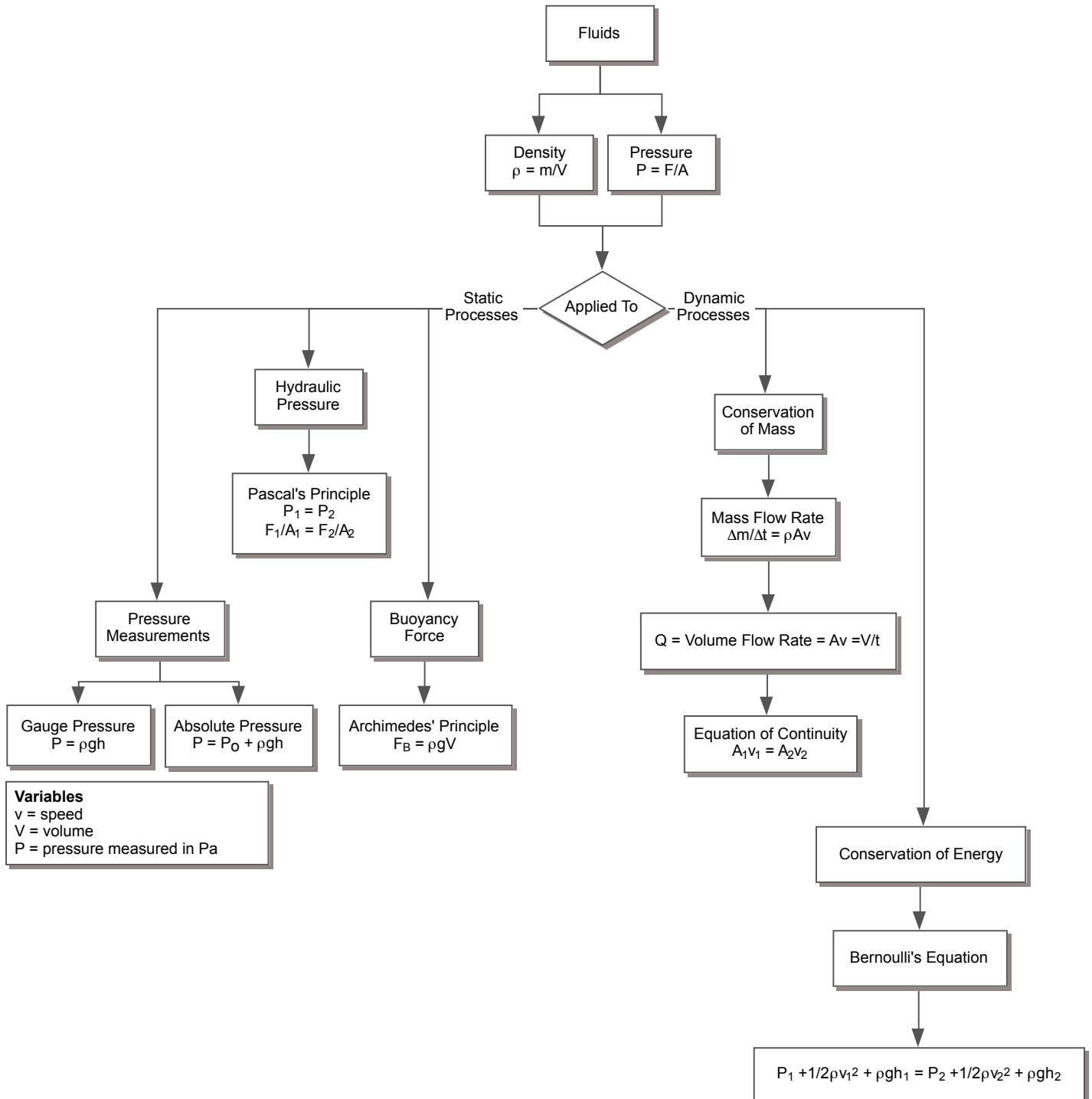
# Fluids

## Enduring Understanding

The fluid interactions and thermodynamics process are governed by conservation laws.

## Essential Questions

1. How are hydrostatic problems treated differently than hydrodynamic problems?
2. When do you use an FBD to solve a problem?
3. What does continuous mean?
4. What relationships exist between moving fluids and Work and Energy?



**Variables**  
 v = speed  
 V = volume  
 P = pressure measured in Pa