

Announcements

**\*\* Need an activity re a course topic before the end of May.**

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1. Continuity Equation: Cutnell-Johnson Problems } HW  
Page 332: #50-55 *56-59*
2. Worksheets: Continuity and Bernoulli
3. Quiz: Hydrodynamics **Tuesday**
4. Ring and Rod
5. Expansion in Two and Three Dimensions
6. Cutnell - C12, Page 366

\* Do not use  $\alpha$  values for SD's.

- #9. 0.084 m
  - #11.  $1.5 \times 10^3$  m
  - #12. b) 17/10000 or 0.0017
  - #13. 108.2 C°
  - #15.  $-2.82 \times 10^{-4}$  m
  - #17. 49°C
  - #19. 2.0026 s (need extra digits to see change in period)
- } HW
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7. Macroscopic Description of Gases - Gas Laws
8. Avogadro's Number

