

## Outline

### About homework:

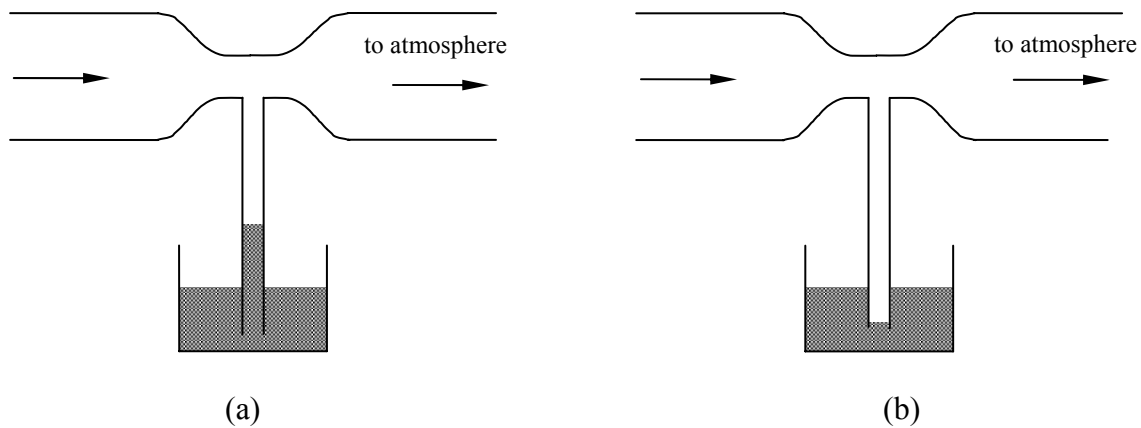
- Discuss the fireboat problem (11-70) in Homework #3
- Discuss the sluice gate problem (11-105) in Homework #4

### About Exam 1:

- Discuss Mayhew/Sanders exam
- Discuss Lui/Richards exam

### Conceptual problems on pressure variation in pipe flows

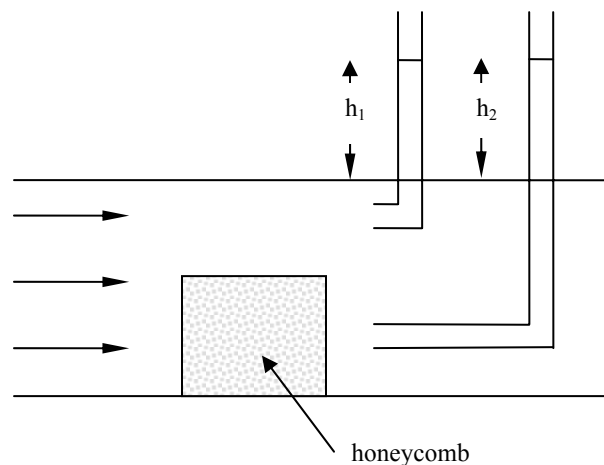
A.



Which figure depicts the correct physics? Explain your choice.

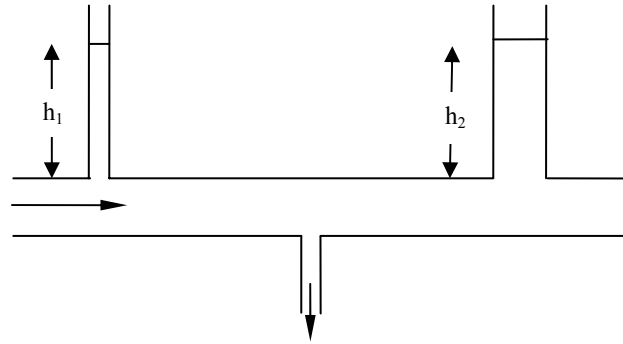
B. Select the correct answer and explain your choice:

- $h_1 < h_2$
- $h_1 = h_2$
- $h_1 > h_2$



C. Select the correct answer and explain your choice:

- a)  $h_1 < h_2$
- b)  $h_1 = h_2$
- c)  $h_1 > h_2$



Single pipe flow problem

Pipe system problem

- series configuration
- parallel configuration