

Problem Set A



CLASS SCHEDULES

The master schedule for River High School appears below. The •'s indicate the period(s) in which a class is offered. All students must take the classes marked with *'s. The other classes are electives.

	1	2	3	4	5	6	7
*English	•		•			•	
*Math		•		•	•		
*Science			•	•			
*PE	•	•			•		
History		•					•
Drama			•				
Typing						•	•
Band	•						
*Lunch				•	•		

- Make up a schedule for Jill. She wants to take Band and History as her electives. She needs Lunch 5th period because the science club meets then.
- Make up a schedule for Tom. Tom wants to take Drama and Typing. He would like to have Lunch 4th period, but he doesn't care that much.
- Make up a schedule for Leanne. Leanne wants to take Band and Drama.
- Make up a schedule for Mea. Mea wants to take History and Typing.
- Part 1: Jose wants to take Drama and History. Figure out his schedule.

Part 2: Jose had his schedule all figured out, but when he went to sign up for first period PE, he found out that the class was closed. The other two periods of PE were still open, however. What should he do?

Part 3: After making a new schedule that he wasn't too happy with, Jose found out that the school was opening a new 6th period Science class. Now what should he do?