

Test 3 reflections:

1. Test 3 was designed for us to pick either to solve question number 1 or question number 2. The problem I did was asking about the expected increased flow rate through the system for the same pressure of the pipe, which was the course objective about identifying and solving different very specific industrial problems about flow rate.
2. So basically asking about the pressure. The test solutions compared to my work were a lot better, as I thought this was a type of one-step problem to compute the pressure of the pipe. Looking over the solutions I see what I should have done. The mistake that was the most obvious would be me not taking more steps into actually figuring out the problem, as I thought it was just one step to compute the pressure of the pipe. If I were to take this test again, I would have taken my time on this and actually think what specifics of the problem that I needed to do. As in the solution, I should of just used excel to figure out how to do the problem.
3. I deserved the grade I got because I did not show enough evidence or work to get the correct answer to the problem. I thought that it was just a one-step problem for this question but it was actually more steps to answer the problem. The strength were my picking the correct formula to go about the problem. My weakness was just using an incorrect formula to get the answer to the problem.
4. Issues I encountered while completing this test would definitely be how to go about the problem, as I already stated above. Steps I did to complete the whole test would be sitting and trying to figure out the correct formulas and how to go about the problem, sadly was not 100% accurate on the test but still tried to get the correct answer. I would definitely change the formula I used, and use the formula I literally wrote down to find the correct answer. I learned that the $q_1 = q_1 + q_2$ was the correct formula to use in this problem. Engineers would use these types of concepts to determine the flow rate of pipes or slides at a waterpark as we based our project on that. I would use

these in classes I have already taken in college as these concepts would definitely help in the future. I mainly improve in finding the correct formulas, just need to use the correct formulas to get the answer. Again I definitely need and will use these concepts in my future jobs if I will be working with pipes and water. I spent about a good amount of time on the test, ensuring that I have time to take it and do the work.