

# Fundamentals of Fluid Mechanics B

## Questions and Answers

### Question by AME536A Student

*Hi Dr. Parent, would it be possible to exclude A2Q4 from the final? This question is a long derivation that you completed entirely in class.*

Yes, let's exclude A2Q4.

### Question by AME536B Student

*Dr. Parent, would it be possible to exclude A1Q3? This is also a longer derivation that you did almost entirely in class.*

*Would it also be possible to exclude A1Q4 since this question was originally optional? Thank you!*

Yes, let's exclude A1Q3 and A1Q4.

### Question by AME536B Student

*As I was going through some of the lecture recording I was again paid careful attention to the definition of shear strain from angular distort done in class. My explanation for the one-half factor was as explained in class, that being that it is an average of two displacements. I cannot find any mention of this being an incomplete explanation or of there being a need to find a better one, but I received feedback that this was not correct. Could you clarify what I am missing?*

You must have missed several lectures. I explained in class that simply taking the average is not a good enough explanation. I explained in another class how to solve this problem properly. Check the zoom recordings.