

Please complete the following problems on separate paper. Show all your work legibly, and draw a box around the final numerical answer where applicable. Use one staple in the upper left-hand corner to connect multiple pages, and slip the entire assignment in the drop-box for your Tutorial Section at the bottom of the stairs of Burton Tower in McLennan Physical Laboratories (MP). Assignments must be in the box by 5:00 PM on the due date.

From the Textbook:

13.8, 13.22, 13.34, 13.41

Some suggested problems from the Textbook (not to be turned in):

Question 13 on page 463

Problems 13.9, 13.15, 13.31, 13.33

Some PHY138Y Laboratories that relate somewhat to this material:

Physics of Sound (non-core)

The Speed of Sound in a Solid (core)

Velocity of Sound in a Pure Gas (core)