

NORTHERN ILLINOIS UNIVERSITY

PHYSICS DEPARTMENT

Physics 162 – Astronomy

Fall 2024

Problem Set #4

Problem Set Due: Thurs., Oct. 3, 2024

Read OpenStax: Chapter 4

Show explicitly all your work for full credit.

1. Expert TA: 4.1.1 multiple choice
 2. Expert TA: 4.1.3 multiple choice
 3. Expert TA: 4.1.5 multiple choice
 4. Expert TA: 4.1.6 multiple choice
 5. Expert TA: 4.1.19 multiple choice
 6. Expert TA: 4.2.9 show calculation
 7. Expert TA: 4.2.15 show calculation
 8. Expert TA: 4.3.2 draw figure
 9. Expert TA: 4.6.1 true/false
 10. Expert TA: 4.6.9 true/false
 11. Expert TA: 4.6.11 true/false
12. Take a latitude & longitude quiz on Quizizz (I'm testing this thing out). First sign in to Quizizz by going to the link: <https://quizizz.com/join/class> by using the "continue with Google" option (if you do not have a Google account, you can easily create one). Skip the "parent or guardian email address" field. Once you have signed in, enter the class-code: Y126718 or use the link: <https://quizizz.com/join?class=Y126718>

Click on "Activity" in the menu to see the quiz. Enter your name before you do the quiz instead of your "email name". Use the snipping tool (like you did for the last problem of Problem Set #2) to show the summary page and upload it to Blackboard along with your written homework. An example is to the right:

There is no need to upload any written answers to questions for the quiz: just upload the summary picture (like the one to the right) to Blackboard.

