

NORTHERN ILLINOIS UNIVERSITY

PHYSICS DEPARTMENT

Physics 162 – Astronomy

Spring 2024

Problem Set #7

Problem Set Due: Thurs., Nov. 2, 2023 (midnight)

Read OpenStax: Chapter **10**

Show explicitly all your work for full credit.

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|------------------------|------------------|
| 1. Expert TA: 10.1.2 | multiple choice |
| 2. Expert TA: 10.1.3 | multiple choice |
| 3. Expert TA: 10.1.5 | multiple choice |
| 4. Expert TA: 10.1.9 | multiple choice |
| 5. Expert TA: 10.1.11 | multiple choice |
| 6. Expert TA: 10.1.29 | multiple choice |
| 7. Expert TA: 10.1.32 | multiple choice |
| 8. Expert TA: 10.1.38 | multiple choice |
| 9. Expert TA: 10.1.47 | multiple choice |
| 10. Expert TA: 10.1.54 | multiple choice |
| 11. Expert TA: 10.2.4 | show calculation |
| 12. Expert TA: 10.3.2 | write in order |
| 13. Expert TA: 10.3.3 | write in order |
| 14. Expert TA: 10.6.1 | true/false |
| 15. Expert TA: 10.6.11 | true/false |
| 16. Expert TA: 10.6.28 | true/false |