

NORTHERN ILLINOIS UNIVERSITY

PHYSICS DEPARTMENT

Physics 162 – Introductory Astronomy

Spring 2026

Problem Set #5

Problem Set Due: Thurs., Feb. 26, 2026

Read OpenStax: Chapter 5

**Show explicitly all your work for full credit.**

1. Expert TA: 5.1.7 multiple choice
2. Expert TA: 5.1.12 multiple choice
3. Expert TA: 5.1.28 multiple choice
4. Expert TA: 5.1.44 multiple choice
5. Expert TA: 5.1.69 v1 draw the correct figure
6. Expert TA: 5.1.69 v5 draw the correct figure
7. Expert TA: 5.2.1 show calculation
8. Expert TA: 5.2.9 show calculation
9. Expert TA: 5.2.14 show calculation
10. Expert TA: 5.2.15 v2 show calculation
11. Expert TA: 5.3.3 (write in order)
12. Expert TA: 5.6.4 true/false
13. Expert TA: 5.6.8 true/false
14. Expert TA: 5.6.14 true/false
15. Expert TA: 5.6.49 true/false
16. Expert TA: 2.7.6 simulation