

# Physics 237 Problem Set #1

In preparation for the quiz on Tuesday, 27 January 2026

All are problems from chapter 1 of Griffiths & Schroeter:

1.3 – don't look up the integral, work it out in detail.

1.4

1.5

1.7

1.8

1.10

1.12 – the related problem 1.11 will be worked out as an example in Lecture 2.

1.14

1.16

1.17