Differential Geometry Assignment #5: Due 2/10/03

Midterm Exam: Monday, February 10, 12:30-1:20, Johnson 437. The exam will cover sections 1-1 through 1-5 and 2-1 through 2-3 of do Carmo. You may bring two $8\frac{1}{2}'' \times 11''$ one-sided pages (or one sheet written on both sides) of your own handwritten notes. No photocopied or printed material is allowed. You may not share notes with other students.

These problems are for practice only; not to be handed in.

I. Reading:

• Reread do Carmo, Section 2-3 (pages 69–80).

II. Practice problems:

1. do Carmo, Section 2-3 (pp. 80–83), #1, 2, 3, 4, 5, 6, 8, 11.