

The first test will cover the material from the first five homeworks, and will be given on Wed. Oct. 13. We will be proceeding beyond that in the lecture, however.

1. – (graded) p. 132 – 5. (Note: answer in back should be regarded as a hint to 5b; one bad point can make a subset of R^3 fail to be a surface.)

2. – (graded) p. 140 – 1c.

3. – (graded) p. 141 – 4.

4. – (graded) p. 151 – 7.

5. – (graded) p. 151 – 8.

6. – (bonus) p. 142 – 5 abc.

7. – (bonus) p. 167 – 4. (Note: this is not from a section we cover, but if you read the question, you'll see that the material from 4.5 is not necessary. Just look at Ex. 2.5 (i.e. #6 above) and Example 2.5 (p. 139) and p.167 #3, which shouldn't seem so bad.)