## Homework 3 - Math 1181H (Autumn 2021) Prof. Cueto

## Due date: Friday September 17, 2021 (on Carmen).

The sections and problem numbers refer to the course's textbook (G.F. Simmons, Calculus with Analytic Geometry, 2nd edition, McGraw-Hill).

| Section | Assigned Problems | Problems to be turned in |
| :---: | :---: | :---: |
| $\S 3.6$ | $1(\mathrm{c}, \mathrm{d}, \mathrm{e}),, 2(\mathrm{~b}, \mathrm{~d}), 3(\mathrm{a}, \mathrm{c}), 4(\mathrm{~b}, \mathrm{~d}), 7(\mathrm{~b}, \mathrm{c}), 10,11,12$ | $4(\mathrm{~b}, \mathrm{~d}), 10,12$ |
| $\S 4.1$ | $3,7,13,17,18,20,21(\mathrm{~b}, \mathrm{c}), 22,24,25$ | $18,20,22,24$ |
| $\S 4.2$ | $2,7,13,15,16,19,21,22,23,24,25(\mathrm{~b}), 26$ | $16,22,24,26$ |
| $\S 4.3$ | $11,13,15,19,20,21,22,24,27,28$ | $20,22,24,28$ |
| $\S 4.4$ | $15,17,18,19,20,22,28,29,31$ | $18,20,22,28$ |
| $\S 4.5$ | $7,9,10,13,14,15,16,21$ | $10,14,16$ |

