

---

## Math-215 Calculus III Analytic Geometry

---

Please box your answers for each of the exercises below. Also, be mindful of your presentation, I will deduct 10 points for disorganized or unintelligible answers.

Please note that the textbook uses  $E$  to refer to the solid  $Q$  from our class.

**Exercises** 100/100 (10 points each)

- 1) Section 12.5, problems: # 1 & 2.
- 2) Section 12.5, problems: # 3 - 6.
- 3) Section 12.5, problems: # 7, 10, 11, and 12.
- 4) Section 12.5, problems: # 17 - 20; do as many of these as possible.
- 5) Section 12.5, problems: # 27 - 30; do as many of these as possible.
- 6) Section 12.6, problems: # 1 - 12; do all of these.
- 7) Section 12.6, problems: # 15 & 16; do both.
- 8) Section 12.6, problems: # 17 - 25; do as many of these as possible.
- 9) Section 12.6, problems: # 29.
- 10) Section 12.6, problems: # 30.