

Welcome to Math  $\sqrt{120^2 + 391^2}$

Section 2<sup>9</sup> – 10

Advanced Calculus

Harold P. Boas

# Announcement

## 2018 Sue Geller Undergraduate Lecture

Tonight, Wednesday January 17

6:00–7:00 in Blocker 117

Speaker: Judy L. Walker, University of Nebraska–Lincoln

Title: Mathematics Makes Communication Possible

## Exercise on logic and quantifiers

Negate each of the following statements.

1. Round numbers are always false.
2. The rule applies to everyone.
3. Some one had blundered.
4. If we had no winter, the spring would not be so pleasant.
5. Everywhere that Mary went, the lamb was sure to go.
6. Something there is that doesn't love a wall.
7. Both of them speak of something that is gone.
8. Never the twain shall meet.
9. One of us was born a twin, and not a soul knew which.
10. If you can fill the unforgiving minute with sixty seconds' worth of distance run, yours is the Earth and everything that's in it.

## Assignment due next class

- ▶ Read section 0.3 in the textbook.
- ▶ Write solutions to Exercises 0.3.8 and 0.3.10.