Friday, September 23rd...PRACTICE for TEST

QUESTIONS?

p. 261: #5, 7, 8, 9, 11 (12, 13

For each word problem... 1) State Variable & Restrictions

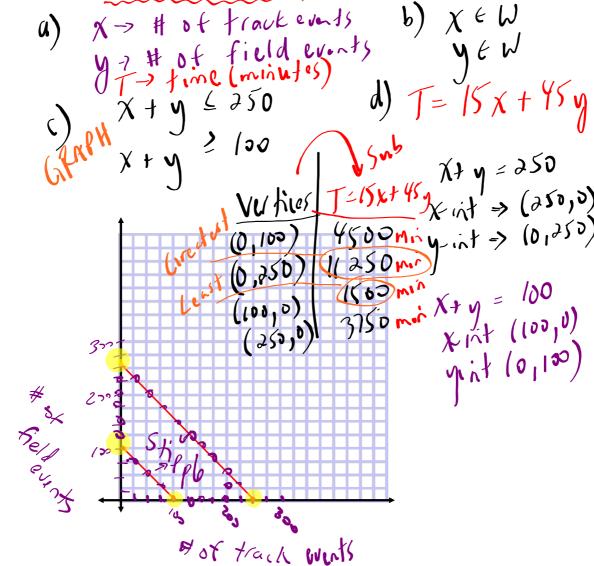
- 2) State Constraints & Objective Function\
- 3) Graph constraints to get feasible region
- 4) Use vertices in objective function to get

optimal solutions

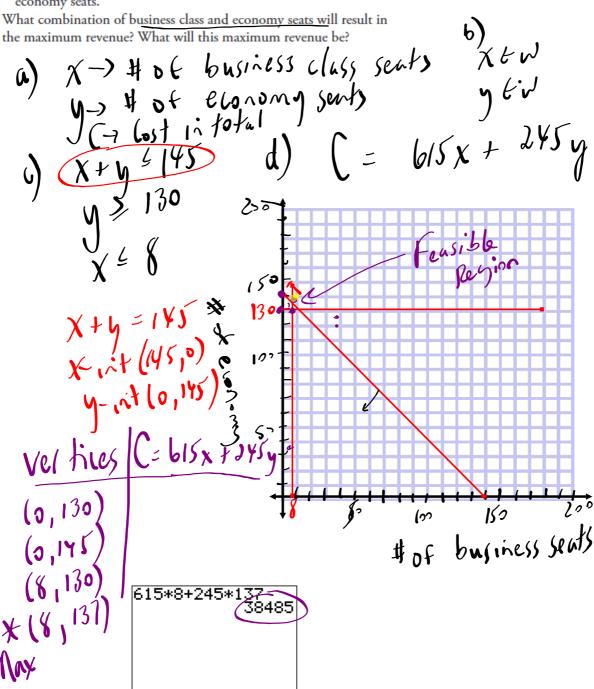
***Whatever you do not finish in class is homework...test next week!

- 12. A school is organizing a track and field meet.
 - There will be no more than 250 events and no fewer than 100 events to be scheduled.
 - The organizers allow 15 min for each track event and 45 min for each field event.
 - They are considering different combinations of track and field events.

What are the least and greatest amounts of time they should allow?



- On a flight between Winnipeg and Vancouver, there are business class and economy seats.
 - · At capacity, the airplane can hold no more than 145 passengers.
 - No fewer than 130 economy seats are sold, and no more than 8 business class seats are sold.
 - The airline charges \$615 for business class seats and \$245 for economy seats.



HOMEWORK: Test is on THURSDAY!!!

*** CHECK AND CORRECT your quiz.

Review/Practice Questions...

- p. 239: Mid-Chapter Review (Frequently Asked Questions)
- p. 241: Mid-Chapter Practice Questions
- p. 266: Chapter Review (Frequently Asked Questions)
- p. 267: Chapter Practice Questions
- p. 265: Chapter Self-Test (Do this AFTER you practice)