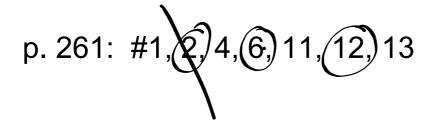
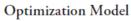
HOMEWORK???



2. The following model represents an optimization problem.

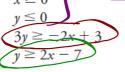
Determine the maximum solution.



Restrictions:

 $x \in R$ and $y \in R$

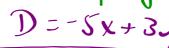




Objective function:

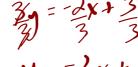
$$D = -5x + 3y$$

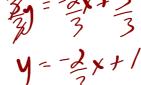


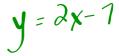




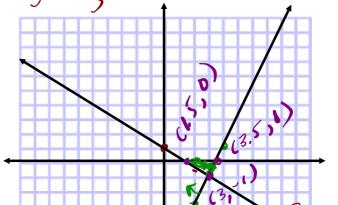


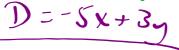






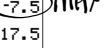
1



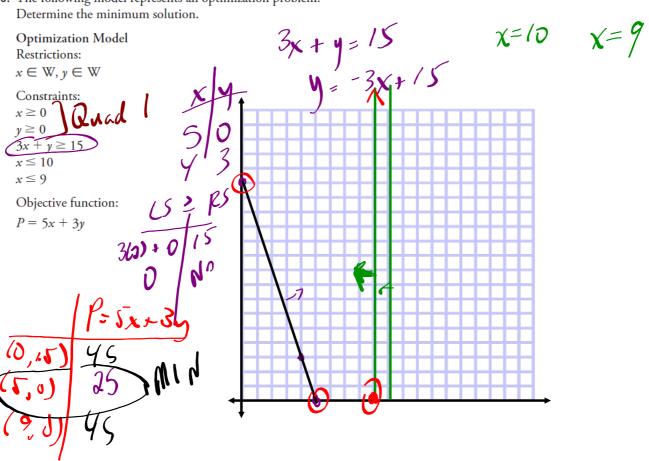








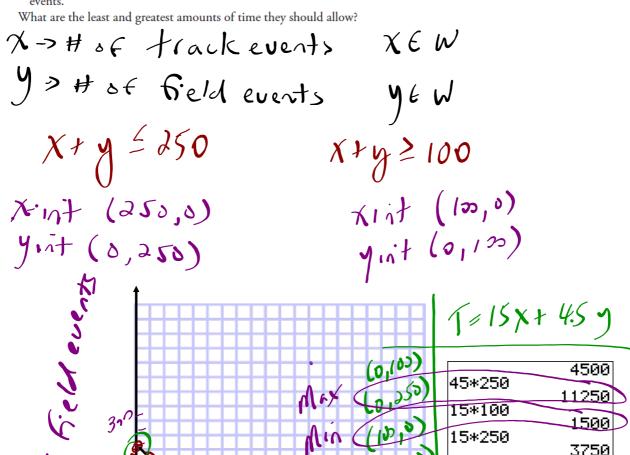
6. The following model represents an optimization problem.



12. A school is organizing a track and field meet.

300

- T is in minutes • There will be no more than 250 events and no fewer than
- They are considering different combinations of track and field events.

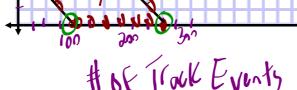


15*100

15*250

1500

3750

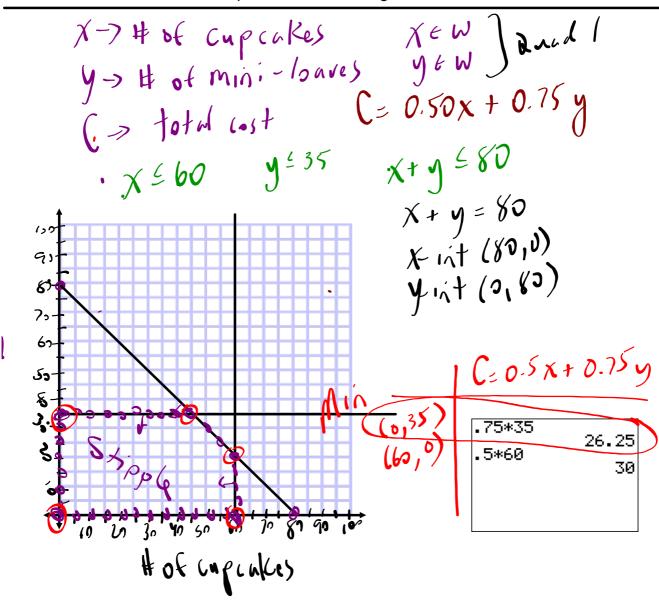


ONE MORE...

Malia and Lainey are baking cupcakes and banana mini-loaves to sell at a school fundraiser...

- No more than 60 cupcakes and 35 mini-loaves can be made each day.
- Malia and Lainey can make no more than 80 baked goods, in total, each day.
- It costs \$0.50 to make a cupcake and \$0.75 to make a mini-loaf.

Determine the minimum cost to produce the baked goods.



Untitled.notebook February 27, 2017

HOMEWORK: Test is on WEDNESDAY!!!

*** CHECK AND CORRECT your quiz...on the website!!!

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)

TUESDAY's class will be a Math Help Centre... come prepared with any questions!

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