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Oct. 2, 2017

Unit Test Review

Optimization questions

Problem

1. On a flight between Calgary and Thunder Bay, there are business class and economy seats.
   - At capacity, the airplane can hold no more than 133 passengers.
   - No fewer than 124 economy seats are sold, and no more than 5 business class seats are sold.
   - The airline charges $624 for business class seats and $239 for economy seats.
   What combination of business class and economy seats will result in the maximum revenue? What will this maximum revenue be?
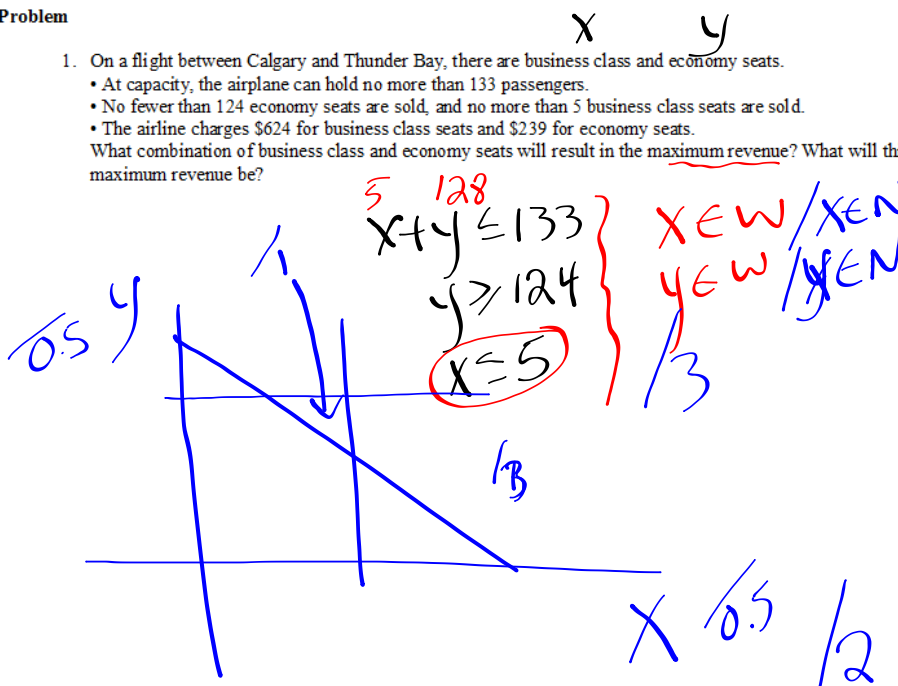
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Unit Test Review

Optimization questions

Problem

x y

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$$x+y \le 133$$
$$y \ge 124$$
$$x \le 5$$

$x \in w / x \in N$
$y \in w / y \in N$

Oct 1-11:02 AM

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Other Practice Questions: Page 248: #3 & Page 267: # 6 & 7

Oct 13-7:22 AM