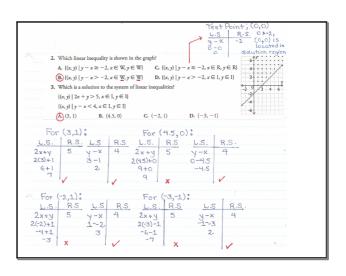
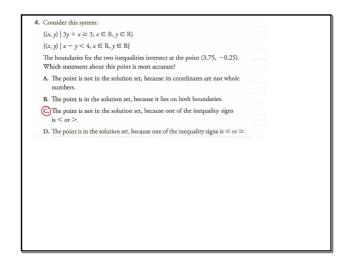


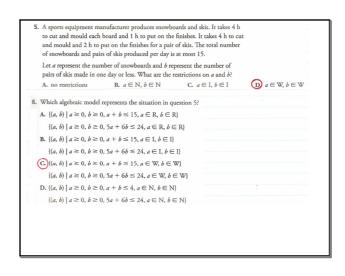
May 22-10:28 AM



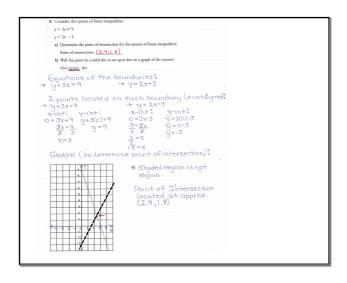
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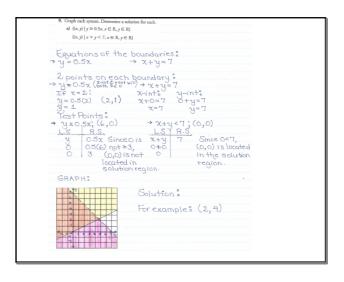
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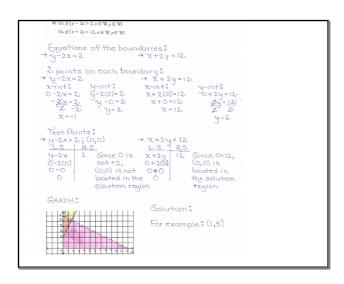
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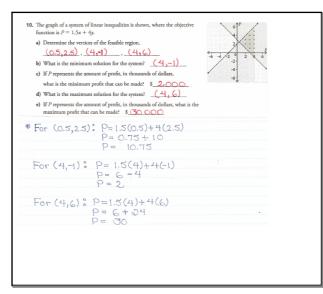
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May 22-12:34 PM



May 22-12:35 PM



May 22-12:35 PM

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13. Jenna and Rhiana sell tacos and burritos from a food carr.

• No more than 50 tacos and 75 burritos can be made each day.

• Jenna and Rhiana can make no more than 125 tens, in total, each day.

• It costs $0.75 to make a taco and $1.25 to make a burrito.

Create an optimization model and use it to determine the maximum and minimum costs to produce the food items.

Let t represent the number of tacos that can be made in a day.

Let b represent the number of burritos that can be made in a day.

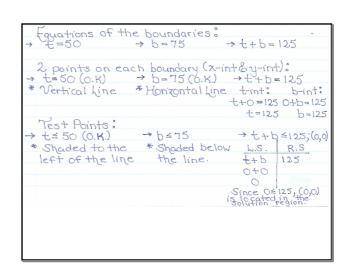
Let C represent the cost of making the goods.

Restrictions ° tew, bew

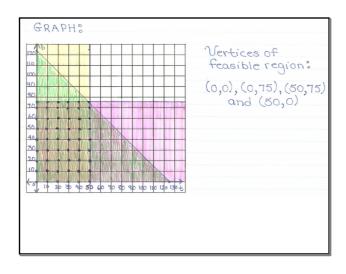
Constraints * t≥0, b≥0, t≤50, b≤75, t+b≤125.

Objective Function ° C = 0.75 t + 1.25 b
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