

ETC1010

Sway

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Save and Exit

Quiz name

Reading week 9 (DUE: Tue Sep 27, 9am)

1

MULTIPLE CHOICE

Edit

Linear programming was first used in

Answer choices

A Warfare

B Baking

C Finance

D

2

TRUE/FALSE

Edit

The objective function in a linear programming problem is always linear.

Answer

True

3

MULTIPLE CHOICE

Edit

All decision variables must be

Answer choices

A	Strictly positive
B	Strictly negative
C	non-negative
D	



4

MULTIPLE CHOICE

Edit

We can transform a linear maximization problem into a minimization problem by taking

Answer choices

A	Adding a constant factor to the objective function
B	Changing the sign of the coefficients in the objective function
C	Changing the sign of the decision variables
D	



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MULTIPLE CHOICE

Edit



The basic solution in a linear programming problem corresponds to

Answer choices

A	The vertices of the feasible region (or its boundary)
B	The interior of the feasible region
C	The origin
D	

[+ Multiple Choice](#)[+ True/False](#)[+ Short Answer](#)