Linear Programming Example   (Copyright 1995, TRIUS, Inc.)

-            -   -   -   -   -   -

   Maximize the function: $P = 10x + 5y$

Subject to the constraints: $6x + 2y$

               $2x + 4y$

-            -   -   -   -   -   -

The solution matrix is set-up in AS-EASY-AS as shown below, in cells
A13..D15. The first row contains the first constraint, the second row
represents the second constraint and the third row the function to be
Maximized. Cells A17..A19 contain the solution obtained by the
Keystrokes: /ALA13.D15{ENTER}A17{ENTER}

6	2le	36	Alt-A for Automatic Solution.
2	4le	32	
10	5eq	max	

-            -   -   -   -   -   -

max	70	The solution indicates that the maximum value of the
X1	4	function is $P = 70$, and it occurs at the x and y
X2	6	values of x=4 and y=6.

-            -   -   -   -   -   -

-       -

-       -

/ALA13.D15~A17~

-       -

-       -