

4.5

45

$$Z = 100x + 85y$$

 $x = \text{Model A}$ 
 $y = \text{Model B}$ 

Assemble Constraints

$$3x + 2.75y \leq 3000$$

Finish

$$2.5x + 1y \leq 2400$$

Pkg

$$.6x + 1.25y \leq 1200$$

$$x \geq 0$$

$$y \geq 0$$

$$z = 100x + 85y$$

$$(0,0) \quad z = 100(0) + 85(0)$$

$$(960,0) \quad z = 100(960) + 85(0) = 96,000$$

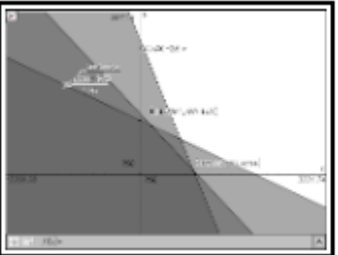
$$(929,77) \quad z = 100(929) + 85(77) = 99483.87$$

$$\text{Rounded} \\ (214,857) \quad z = 100(214) + 85(857) = 94285.71$$

$$(0,960) \quad z = 100(0) + 85(960) = 81,600$$

929 model A      \$99483.87  
77 model B

▼ Problem 1



1

1.1

