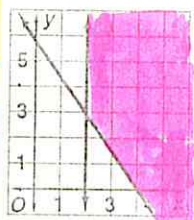


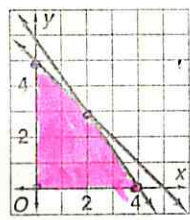
HAlg 2 Ch 3 Review p. 161-163 (cont)

28.



vertices: $(4, 0)$ $(2, 3)$
 $C = 11$ at $(2, 3)$

29.



vertices: $(0, 0)$, $(4, 0)$,
 $(2, 3)$, $(0, 5)$
 $P = 25$ at $(0, 5)$

SKIP

(43) $(2, 5, 3)$

(44) no sol'n

(45) $(6, 0, -2)$

30. x = # of chef's salads

y = # of Caesar salads

$$40 \leq x \leq 60$$

$$35 \leq y \leq 50$$

$$x + y \leq 100$$

$$\text{Obj Fcn: } P = .75x + 1.2y$$

The maximum profit would be made if they prepared 50 of each type of salad.

