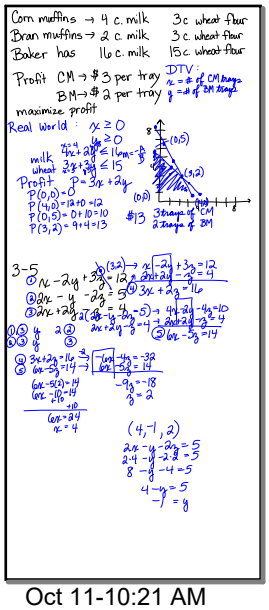
Corn muffins → 4 c. milk 3c wheat flour
Bran muffins → 2 c. milk 3 c. wheat flour
Baker has 16 c. milk 15 c. wheat flour
Profit CM → $3 per tray
BM → $2 per tray
maximize profit
DTV:
x = # of CM trays
y = # of BM trays
Real World: x ≥ 0
y ≥ 0
milk 4x + 2y ≤ 16
wheat 3x + 2y ≤ 15
Profit P = 3x + 2y
P(0,0) = 0
P(4,0) = 12 + 0 = 12
P(0,5) = 0 + 10 = 10
P(3,2) = 9 + 4 = 13
(0,5)
(3,2)
(0,0)
#13 3 trays of CM
2 trays of BM
3-5
Oct 11-10:21 AM