I found the problem with my demo problem. It wasn't any mistake we made in lecture when we realized something was wrong. It was a miscopy, caused by my trying to make the numbers work out nicely for class. *sigh*

Double-click on the paper clip to open corrected exercise.

Polish Dry 2 240 Delta 10 3 69 2 ı۲ Betg 28 I l C Signa This is sideways 28 69 240 Make Variables Delta Belg signs JOTAL 8 240 ıL Paint ٥ ۱ 69 Dry Z 28 Pol:sh Inangular. Goal' ۱x ۱५ -12 × + 2y + 2 = 69 hrs drying Dry x + 2y + 2 Delish 2x + 3y + 2 = 28 Paint 10 x + 16g+ 82 = 240 Q Ix = 1 hr drying x Delta Cans = x hours drying
1 Delta can 2 hrs drying y Beta Cans = y hours drying 2 2y =

$$x = the \pm of Deltas produced (\pm of cars)$$

$$y = \cdots \cdots B_{2} + a_{3} \cdots \cdots$$

$$z = \cdots \cdots Sigmas \cdots \cdots \cdots$$

$$p_{1} + 2y + 2 = 69 \qquad (6\frac{2}{38})$$

$$p_{2}(x + 2y + 2 = 28)$$

$$p_{2}(x + 2y + 2 = 69) \qquad (-2Ri - 2x - 4y - 22 = -138)$$

$$R_{2} + 2y + 2 = 69 \qquad (-2Ri - 2x - 4y - 22 = -138)$$

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$$R_{2} + 2y + 2 = 69 \qquad (-2Ri - 2x - 4y - 22 = -138)$$

$$R_{2} + 2y + 2 = 100 \qquad (-2Y - 2z = -10)$$

$$R_{3} + (0x + 16y + 8z = 240)$$

$$R_{3} - 4y - 22 = -450$$

Homework #6

1.+

Carlotta has \$10,000 to invest. I recommend that the invest in Treasury bills that yield 6%, Treasury bonds the yield 7%, and corporate bonds that yield 8%. Carlotta wants to have an annual income of \$680 and the <u>amount invested in corporate bonds must be half that invested in Treasury bills</u>. What is the amount of each investment?

in T-Rills (8 x = Amt invested ·· T-Bonds (.. C-Bonds(1) Z= ·· · Total Invested : y + z = 10000 K 4 .06x+.07y +.082= 680 2= 1 ×

demo-problem.pdf