

**Preview Pg.52#24 (just write a system of equations to solve the problem – don't actually solve it)**

### **U2L2 – 1.3 Solving Linear Systems: Graphing by hand**

Students will solve linear systems of equations by graphing by hand.

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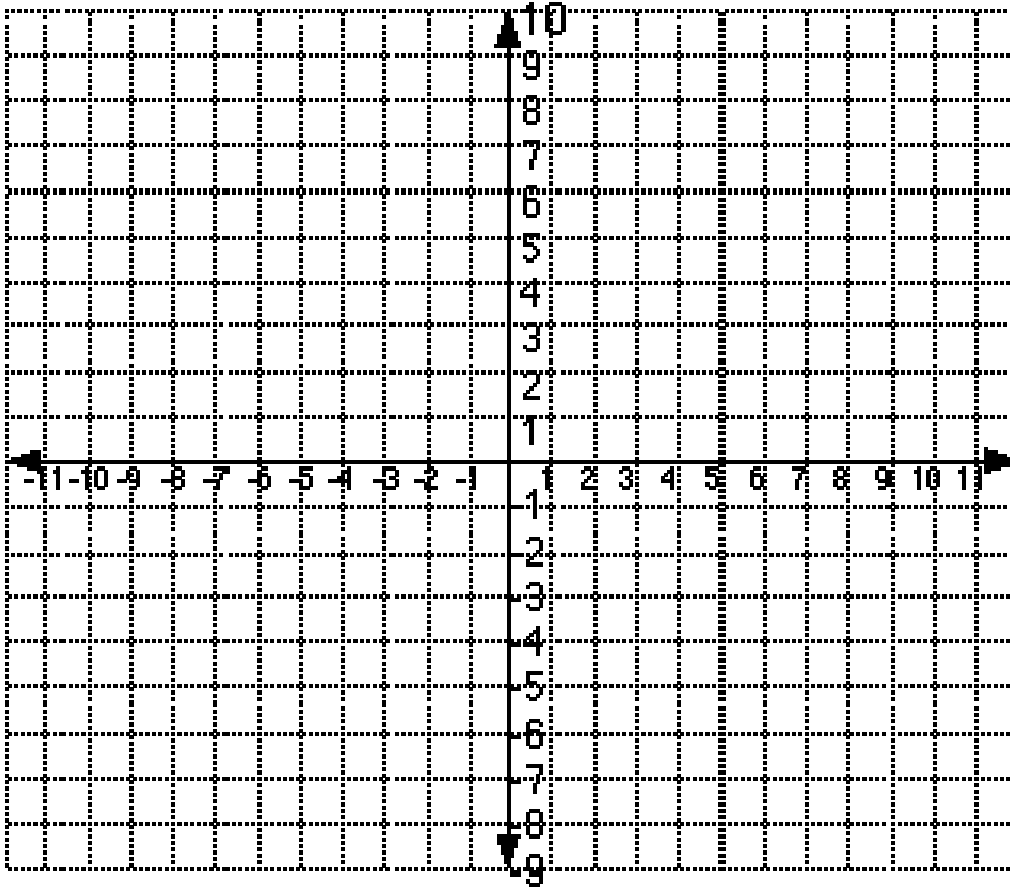
Copy the first point in the Key Ideas on pg. 57 into your notebook.  
Read the second point in the Key Ideas on pg. 57.

## Examples

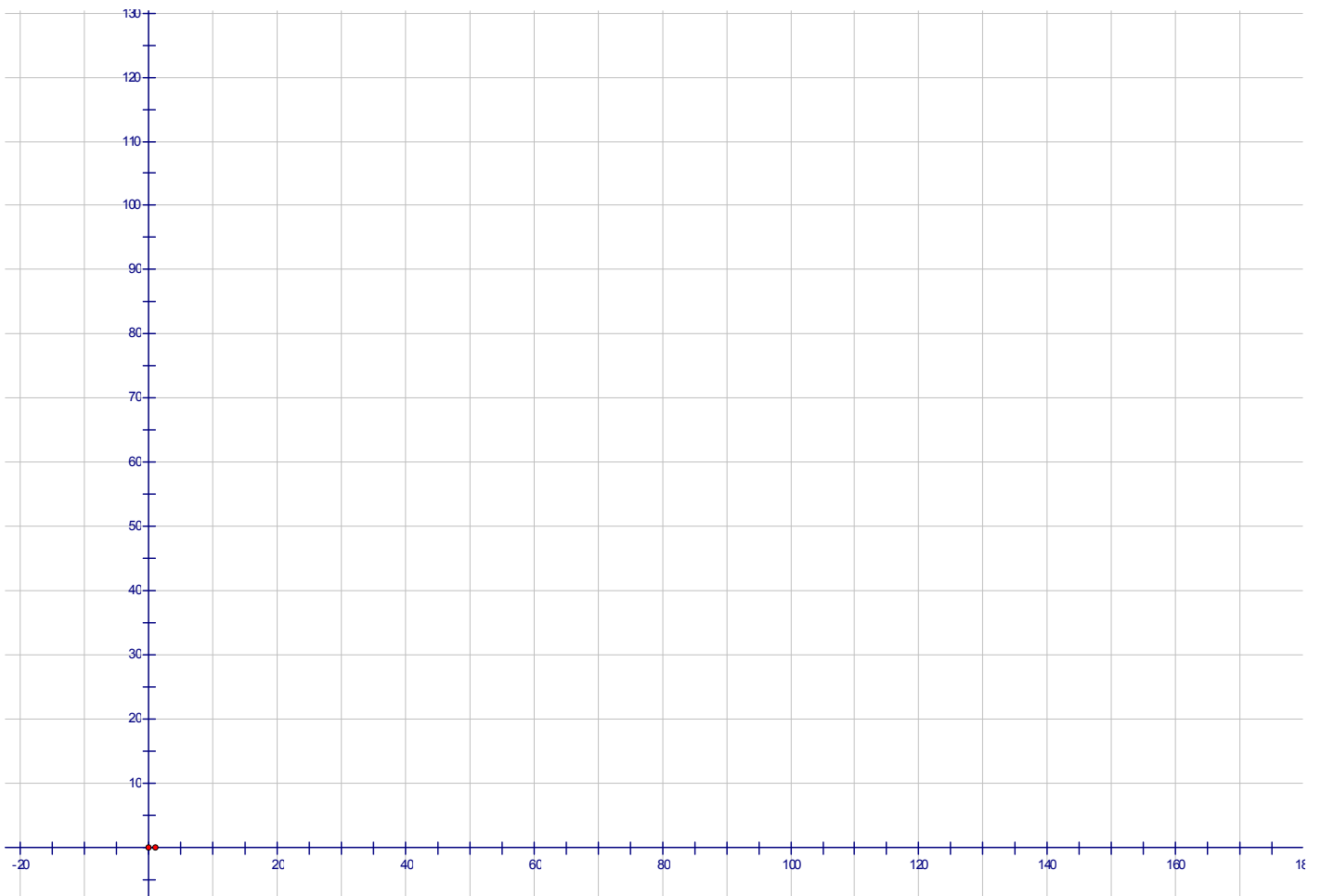
1. Solve the following system graphically:

$$y = 2x - 8$$

$$y + x = 7$$



2. The Bulk Barn sells hard candy for \$2/kg and soft candy for \$4/kg. How can they mix the two kinds of candy to create a 60kg mixture that can be sold for \$3/kg?



3. Lori wants to rent a small truck for one day to move into her university residence. U-Haul charges \$80 per day, plus \$0.22/km. Pollock Truck Rentals charges \$100 per day, plus \$0.12/km. Which company should Lori choose?

