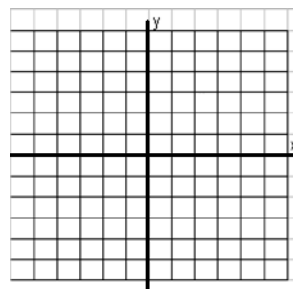


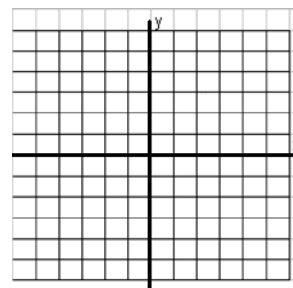
*Objective:

Got It? 1. Assume that x and y are whole numbers. What is the solution of the system of inequalities?

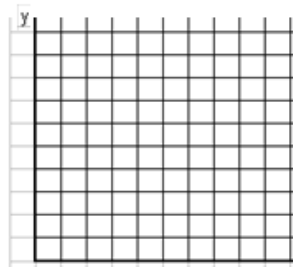
$$\begin{cases} x + y > 4 \\ 3x + 7y \leq 21 \end{cases}$$



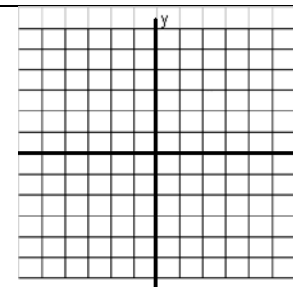
Got It? 2. What is the solution of the system of inequalities? $\begin{cases} x + 2y \leq 4 \\ y \geq -x - 1 \end{cases}$



Got It? 3. A pizza parlor charges \$1 for each vegetable topping and \$2 for each meat topping. You want at least five toppings on your pizza. You have \$10 to spend on toppings. How many of each type of topping can you get on your pizza?



Got It? 4. What is the solution of the system of inequalities? $\begin{cases} y < -\frac{1}{3}x + 1 \\ y > 2|x - 1| \end{cases}$



Inclass: p. 153 #20, 30

Homework: p. 153 #9-29(odd) change #23, 29

Interactmath: #9, 11, 14, 22, 27