Linyeer Inekwalitees More and More and More Word Problems



Name:

Together, Sam and Madi sold at most 40 hamburgers. Sam sold at least 2 more hamburgers than Madi did. Write two inequalities and graph them to show possible solutions to this problem.



5. You can work a total of no more than 10 hours each week at your two jobs. Making balloon



6. Tori is buying plants and soil for her garden. The soil cost \$4 per bag, and the plants cost \$10 each. She wants to buy at least 5 plants. She cannot spend more than \$100. Write inequalities and graph them to show possible solutions to this problem.

Let soil=x

$$plonts=y$$

 $4x + loy \leq 100 \Rightarrow loy \leq -4x + loo$
 $y7/5$
 $y \leq -2 + lo$
 $y \leq -2 + lo$
 $y = -3 + loy$
 $y = -3 + l$