



Inequality Word Problems

Solve , check and graph each

- Ex1) What does Stephanie need on her 4th test to have an average of at least 85, if the 1st 3 grades were 85, 91, and 76?
- Ex2) An Elevator can hold no more than 2000 lbs. How many 60 lb. boxes can the elevator hold?
- Ex3) You have \$350,000.00 for salaries. The president makes \$110,000.00. How much can be spent on each of the other 8 salaries?
- Ex4) Maria makes \$250.00 a week plus a commission of 3% of sales. What must her sales be if she wants a total weekly salary of no less than \$460.00
- Ex5) Bananas are \$3.00 per pound and apples \$2.00 per pound. You buy 3 times as many apples as bananas. What is the maximum amount of bananas you can buy for \$33.00?
- Ex6) The Perimeter of a rectangle is less than 40 in. the length is 2 more than twice the width. What is the maximum possible width?