

Name \_\_\_\_\_  
Mrs. Roumbos

Date \_\_\_\_\_  
8A Period \_\_\_\_\_

LEGEND, EQUATION, SOLUTION & CHECK  
(LESC for short)

\*From now on, EVERY word problem must be solved in this format

LEGEND	EQUATION/ INEQUALITY	SOLUTION	CHECK
Where you choose a variable & identify what it represents . Ex: Let $x = \dots$	Where you create an equation or inequality using the words in the problem and then solve it.	Where you answer the question in a complete sentence. Make sure your answer is labeled!	Where you check your answer by re-reading the question. NO VARIABLES. Only one operation per line

Name \_\_\_\_\_

8A; Algebra 1

Date \_\_\_\_\_

Period \_\_\_\_\_

Number and Inequality Word Problems  
Day I

1) Four times a number increased by 25 is 77. Find the number

2) During a charity drive, the boys in a class contributed \$3.75 more than the girls. If the boys contributed \$8.25, how much did the girls contribute?

3) If twice a number is subtracted from 84, the result equals 4 times the number. Find the number.

4) Six more than 2 times a certain number is less than the number increased by 20. Find the numbers that satisfy this condition.

5) A dealer sold an electric boiler for \$39.98. This amount was \$12.50 more than the boiler had cost him. How much did the boiler cost the dealer?

6) If twice a number is subtracted from 132, the result equals four times the number. Find the number.

7) Six more than 4 times a whole number is less than 60. Find the maximum value of the number.

8) The bookstore ordered boxes of pencils for resale. The cost of the pencils was \$2.25 per box and the shipping cost of the order was \$2.80. If the total cost of the pencils and shipping was \$29.80, how many boxes of pencils were ordered?

9) Rosita wishes to make a long-distance telephone call. The charges are \$.75 for the first three minutes and 14 cents for each additional minute. If Rosita has \$2.15, what is the maximum number of minutes her call can last?