Olympiad - 4

Name: _____

1) 100 pounds of chocolate is packaged into boxes each containing $1\frac{1}{4}$ pounds of chocolate. Each box is then sold or $1.75. What is the total selling price for all of the boxes of chocolate?

2) In the addition example at the right, different letters represent different digits. What digit does A represent?

$$\begin{array}{r} A\ A \\ +\ A\ A \\ \hline C\ A\ B \end{array}$$

3) Mrs. Winnie went to a store, spent half of her money and then $10 more. She went to a second store, spent half of her remaining money and then $10 more. But she then had no money left. How much money did she have to begin with when she went to the first store?

4) The sum of the first 25 multiples of 4 is: 4+8+12+...+100. The sum of the first 25 multiples of 3 is: 3+6+9+...+75. What number is equal to the difference of two sums?