**Unit Rate Practice II**

Solve the following problems in your co-operative group. Organize your solutions neatly. Make certain each member of the group understands the solution. You will be called upon randomly to present a question.

1. You are purchasing pop for a birthday party. The bottles come in different sizes and costs. A 2L bottle costs $2.20; a 1L bottle is on sale for $1.39 and a 500mL (.5 L) bottle costs $0.95. Which bottle(s) will you purchase for your party? Show your calculations and explain your thinking.

2. You are shopping for a cell phone. The number of text messages you can send will be the determining factor for which plan you choose. Plan A offers you 600 texts for $15. Plan B offers you 800 texts for $25. Which plan will you choose? What other factors might help you determine which plan to go with?

3. Which package is more economical? 300 g of jujubes for $2.50, or 500 g of jujubes for $3.20

4. A grocery store sells a case of 24 – 500mL bottles of water for $2.99. They also sell a case of 6 – 1.5L bottles for $2.99. Which bottles are the best buy? What is the unit cost for each deal?

**Unit Rate Practice III**

Answer the following question. Show your solution. Explain your answer.

The school wishes to purchase 2500 pens and have discovered that 3 stores sell the same model pen. Which store has the best buy?

Store A sells 15 pens for $0.50.

Store B sells 50 pens for $1.70.

Store C sells 30 pens for $0.90.