

**Pizza Party**



Your class has decided to have pizza for its end-of-the-year party. You are trying to decide which pizza store has the cheapest price. The local pizza stores and their prices are listed below.

Pizza Prices	
Sam's Pizza House	\$8.50, 8 slices per pizza
Pizza Palace	\$10.25, 10 slices per pizza
Pizza & Stuff	\$6.25, 6 slices per pizza

Assume that there are 30 students in your class and that each person (make sure to include your teacher) will eat two slices. Also, assume that the slices in the pizzas from the different stores are the same size. **Where should you buy the pizza?**

**Please show all your work and write a DETAILED description. Describe HOW and WHY you did each step to solve the problem.**

*How you will be graded:*

	Level One	Level Two	Level Three	Level Four
<b>Strategy and Approach</b>	Approach to the problem reveals no systematic strategy.	Approach to the problem reveals a rudimentary system, but not completely followed through.	Approach is systematic and will yield a correct answer.	In addition, the approach used is highly efficient, showing evidence of advanced planning.
<b>Accuracy of Calculations</b>	Many errors in calculations.	Minor errors in calculations.	Very few errors in calculations.	No errors, and evidence of efficient use of the calculator.
<b>Written Description</b>	Very little connection between the written work and the problem.	Written description shows evidence of following the plan, but poorly executed.	Written description clear and essentially accurate.	In addition, the written description shows evidence of complete understanding of the problem.
<b>Presentation</b>	Work not clear.	All work present, but difficult to follow.	Work is all present, and clearly presented.	In addition, the work is very well organized and neat.

**\*10 points will be deducted if not turned in on or before the due date.**