

DECORATIONS... and More

Name _____ **Date** _____

Solve the problems below. Be sure to show in pictures, numbers and/or words how you arrived at your solution.

1. The tables need tablecloths. A parent has agreed to donate materials and make tablecloths for enough tables to seat 4 students per 36-inch square table. She has found some bargain material 36" wide and sells for \$1.19 per yard. She will use a 36" square on each table. How much cloth will she need to buy? How much will it cost to make squares for the tables?
2. She will put a 3-inch decorative border in our school's colors around each tablecloth. The border sells for \$.29 per foot. How much will she need to buy and how much is the cost?
3. What is the total cost of the tablecloth donation?
4. You have decided to make crepe paper flowers to decorate the tables. You want each fifth grader to have one of the flowers for a memento so you will need 120 flowers. Each flower takes 25 inches of crepe paper. How much paper will you need?
5. The crepe paper is sold in 85-yard rolls at a cost of \$6.79. How many rolls will you need to buy? How much will it cost for paper?
6. Each flower needs 33 centimeters of wire for a stem and to fasten the crepe paper together. How many meters of wire will you need to purchase? The wire costs 3 cents per meter. How much will it cost?
7. You have decided to place 4 flowers in a vase for table decorations. The vases are sold for \$6.98 per dozen. How many vases will you need? How much will they cost?
8. What is the cost for all the decorations so far.
9. A generous citizen has agreed to provide \$1,000 for some additional purchases. Think of some other items you would like for the celebration. Perhaps you want to buy a rose for each teacher, provide each student with a class picture, have special graduation certificates made, buy tee shirts for each student with classmates signature, etc. Investigate the costs of the items you would like and prepare a presentation of how you would spend this donation.