

Name _____ Date _____

School Newspaper

Your class has agreed to publish a 6 page school-wide newspaper for each of the 1,740 students. Both sides of the paper will be printed to help save money. A package of 100 sheets of special newsprint paper costs \$1.

- Find the cost of publishing the newspaper if you can make the copies at school for no additional cost other than purchasing the paper. Explain how you know.
- The students in your class do not have the money to pay for this much paper and your teacher does not have it in her budget. To solve this problem, it was agreed to ask local businesses to purchase advertisements to place in the newspaper. The prices that your class decided to charge are:
 - o Full-page \$50
 - o Half-page \$25
- What is the fewest number of advertisement pages that you will need in order to pay for the paper and not make more than \$25 over your expenses? How do you know?
- What is the largest number of pages that you will need to pay for the paper without going more than \$25 over what you need to spend? Explain your thinking.
- Show a combination of both sizes that would pay for the paper without using more pages than the largest number of pages needed to pay for the paper.