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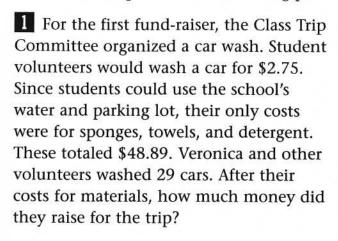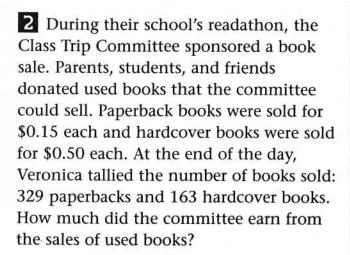
The Class Trip

Veronica is a member of the seventh-grade Class Trip Committee in her school. It is the responsibility of the committee to organize fund-raisers to help pay for the class trip. Solve the following problems.

1 For the first fund-raiser, the Class Trip Committee organized a car wash. Student volunteers would wash a car for $2.75. Since students could use the school's water and parking lot, their only costs were for sponges, towels, and detergent. These totaled $48.89. Veronica and other volunteers washed 29 cars. After their costs for materials, how much money did they raise for the trip?

2 During their school's readathon, the Class Trip Committee sponsored a book sale. Parents, students, and friends donated used books that the committee could sell. Paperback books were sold for $0.15 each and hardcover books were sold for $0.50 each. At the end of the day, Veronica tallied the number of books sold: 329 paperbacks and 163 hardcover books. How much did the committee earn from the sales of used books?

3 In early spring, the committee organized a cookie sale. Parent volunteers baked 58 dozen cookies to be sold at the school during parent/teacher conferences. Each cookie cost $0.25. If all but 39 cookies were sold, how much money did the committee earn?

4 For Mother's Day, the committee organized a flower sale. Three local nurseries donated the flowers, allowing the committee to keep all of the profits from the sale of the flowers. Geraniums were sold for $0.99 each. If the committee sold $121.77 worth of geraniums, how many geraniums did they sell?

5 The final fund-raiser for the year is a school dance. The only costs for the dance are $300 for the DJ and $150 for security. Veronica and the other committee members estimate that 260 students will attend the dance. The committee would like to make at least a $200 profit on the dance. However, they know that if the price of tickets is too high, fewer students will attend the dance. What is the least amount they can charge for each ticket and still earn $200?

Some members of the committee argue that they should sell tickets for $3.00 each. Veronica believes that this would cut attendance by 40 students. Would this be a wise course to follow? Explain your answer on the back of this page.