



Sketch percent bars to represent each problem. Use your representation to solve the problem.

A sale of school supplies was held in the middle school gym to raise funds for a trip to a wilderness area. The problems below refer to items from the sale.

1. Even though the prices were very reasonable, the sixth-grade students decided they needed to reduce the price of each pen by 20%. What should they charge for a pen originally priced at \$1.20?
2. The new price of the most expensive pen was \$2.00. What was the original price?
3. Notebooks were reduced from 70¢ to 42¢. What percent reduction was that?
4. A slightly used soccer ball was priced at \$1.00. A new soccer ball just like it would cost \$20. By what percent was the price of the slightly used soccer ball reduced?
5. Autographed pictures of the principal were priced at 20¢. No one bought one, so they reduced the price 100%. How much can the principal expect to collect if he sells all the pictures?