LUCKY LOTTOS

Sean's older neighbor is hosting a lottery for all the kids in the neighborhood. The prize is $100, with the lottery tickets costing $7 each.

Help Sean decide if he should purchase any lottery tickets, and how many (if any).

1. If 100 kids, including Sean, buy 1 lottery ticket each, what are Sean's chances at winning?

    a. 20%
    b. 11%
    c. 10%
    d. 1%

2. Sean's neighbor wants to use the proceeds of the lotto to donate money to a local animal shelter. If he sells 35 tickets and uses the proceeds of the sale to fund the cash prize, how much money can he donate?

    a. $100
    b. $145
    c. $245
    d. $200

3. If Sean buys 5 lottery tickets and wins the prize, how much money will he have made from the lottery?

    a. $65
    b. $60
    c. $100
    d. $35

4. THINKING CAP: Do you think entering lotteries like this one cause more people to lose or win money? Are they worth the chance? Why or why not? _____

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