

Name: _____

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? _____
