

Materials:

- 1 \$10 bill
- 2 \$5 bills
- 2 \$1 bills
- Paper lunch bag
- Pencil
- Recording sheet
- Partner for each student

Procedure:

1. Selected partner
2. Placed all the bills in the paper lunch bag
3. Shook the paper lunch bag
4. Pulled 2 bills from paper lunch bag without looking
5. Recorded the amount of money pulled from the bag
6. Put bills pulled back into bag
7. Repeated steps 3-5 nine more times

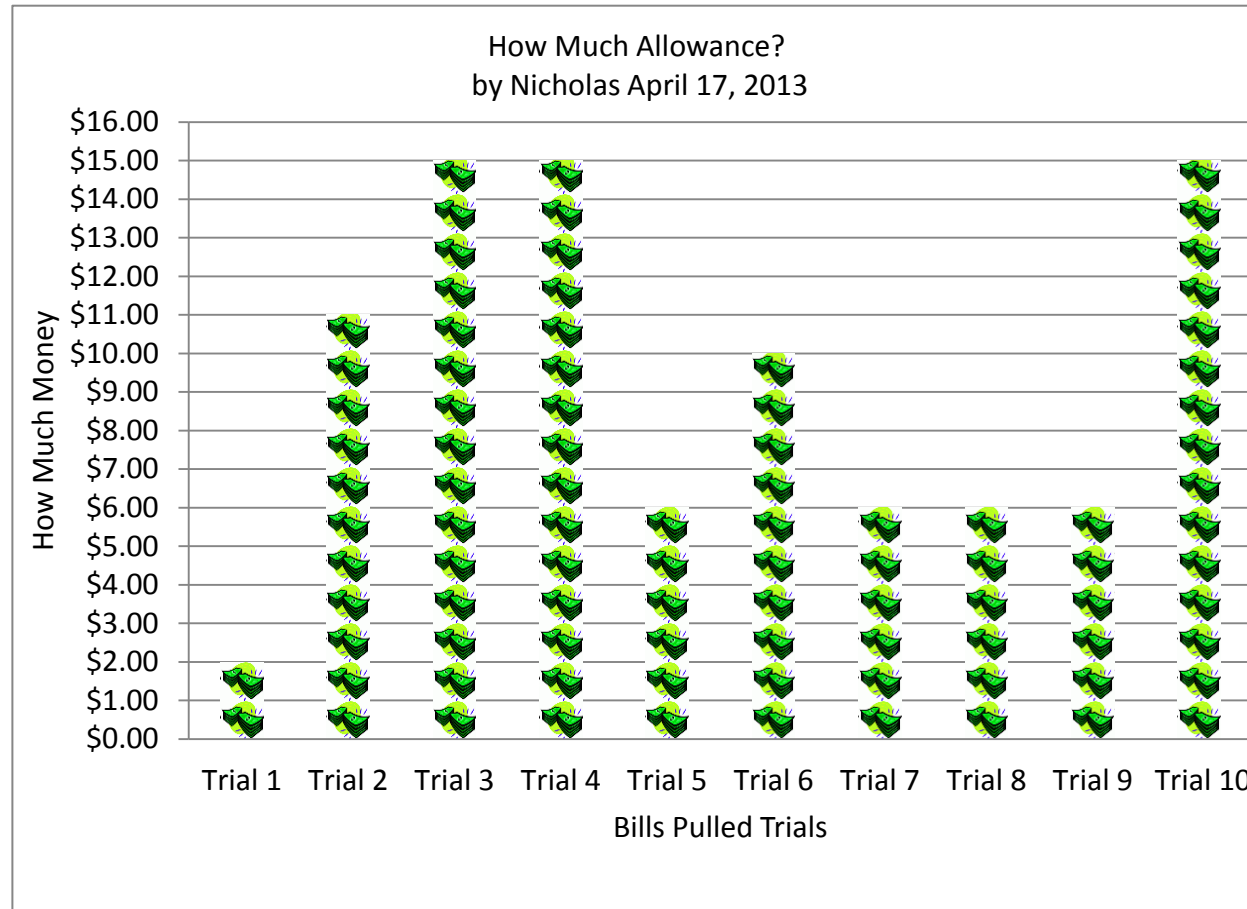
Nicholas
April 24, 2013



How Much Allowance? Probability Investigation

Purpose: Would it be better to pull 2 bills from a container for doing chores around the house?

Hypothesis: I think pulling 2 bills from a container each week will help me save the most money toward the purchase of a car.



Results:

I observed that you don't get a lot of money because it is hard to pick a ten dollar bill when there is only one of them.

Conclusion:

I think my hypothesis was incorrect because if pull 2 bills you could get less than ten dollars and it was hard to get a ten dollar bill.

Additional Questions or Comments:

I was so surprised when I was recording what bills I pulled and saw that I was getting little amounts of money.