

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

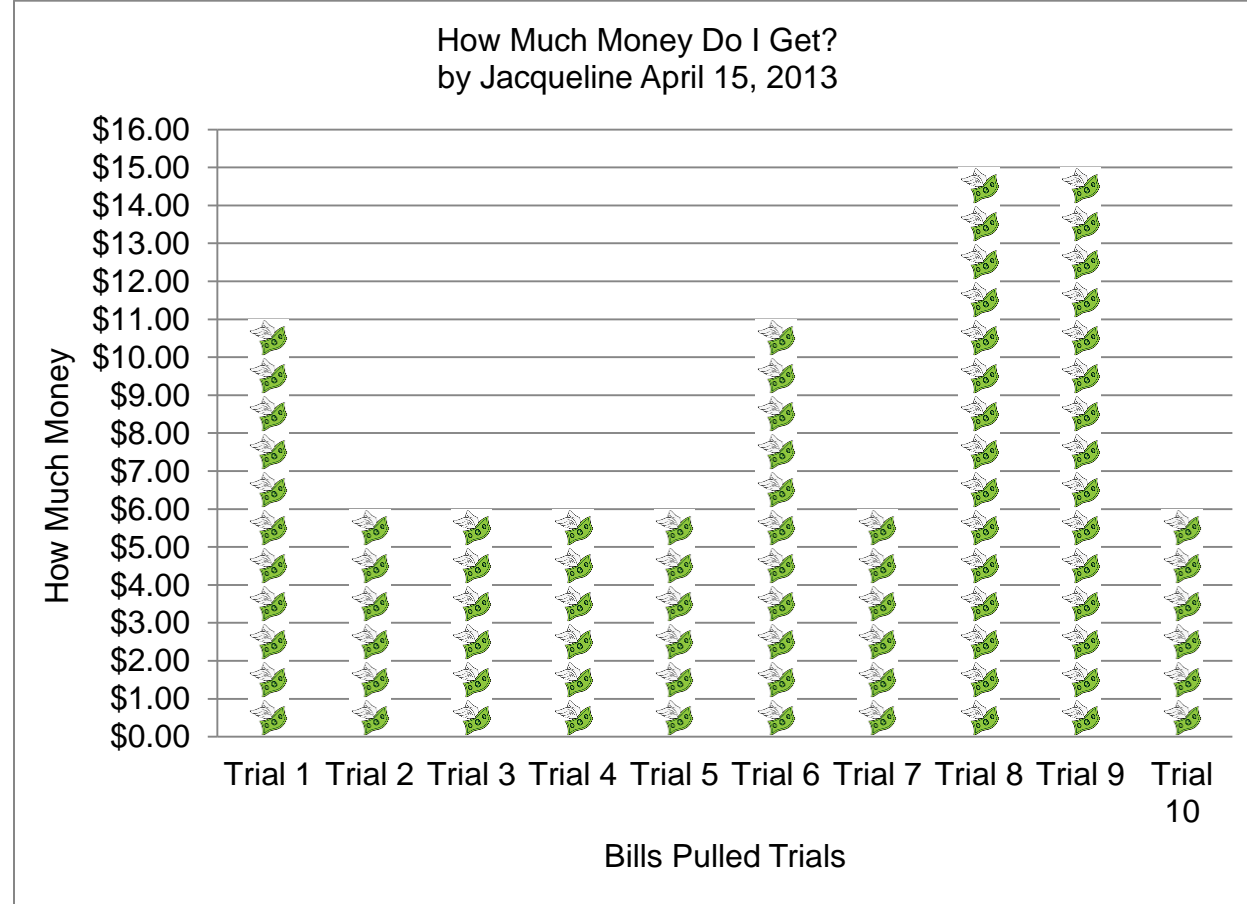
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How Much Allowance? Probability Investigation

Purpose: Would it be better to earn \$10 each week for doing chores around the house?

Hypothesis: I think earning \$10 each week will help me save the most money toward the purchase of a car.



Results:

I observed that I mostly pulled \$6 dollars out of the bag.

Conclusion:

I was correct because I would earn less money if I just pulled 2 dollar bills out of the bag.

Additional Questions or Comments:

I was surprised that I pulled \$6 out of the jar a lot instead of a higher amount of money.