

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

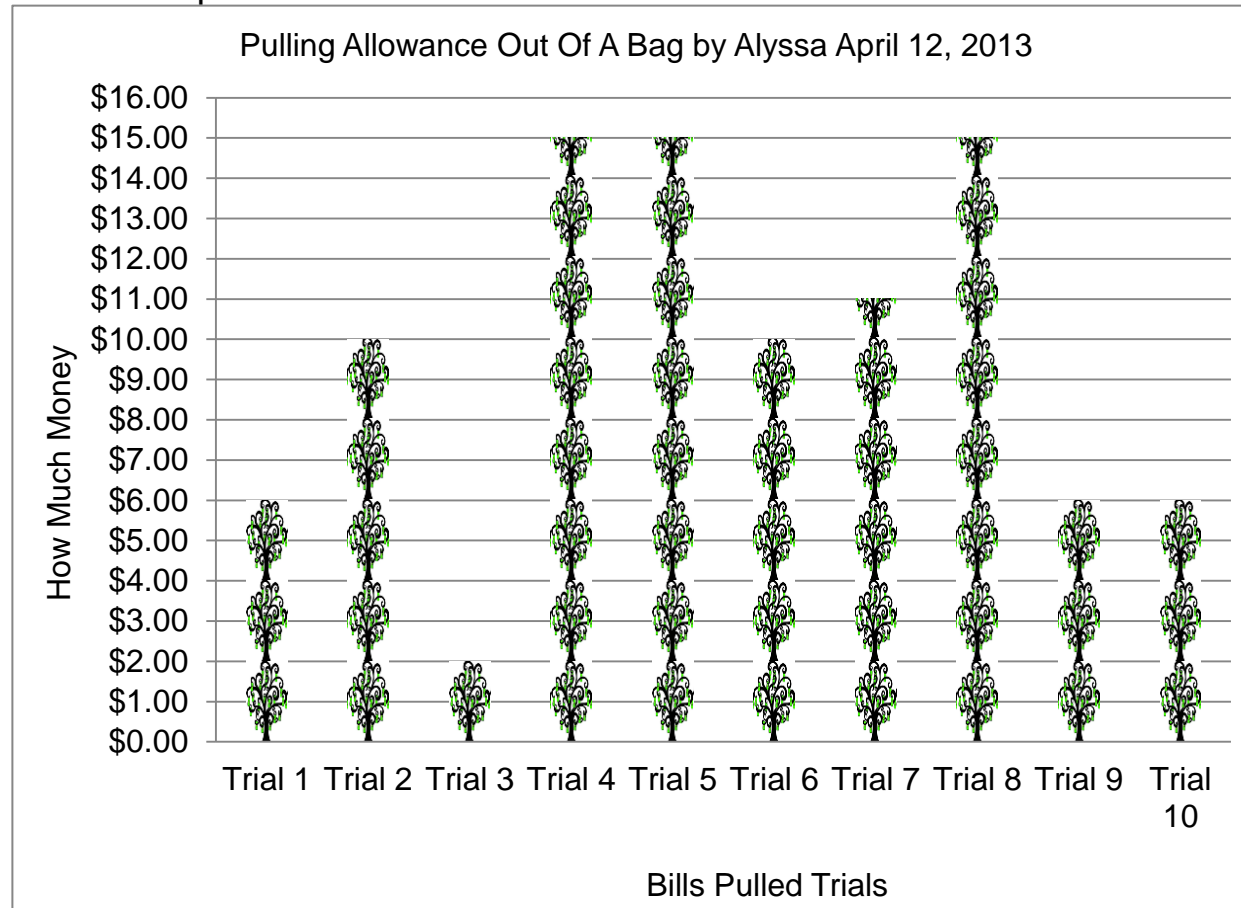
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How Much Allowance? Probability Investigation

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

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



Results:

I saw that I could've earned more money by pulling money out of a bag rather than getting \$10 every week.

Conclusion:

My hypothesis was incorrect. Pulling money from a bag earned you more than getting \$10 a week. I saw this because my partner and I earned a lot of \$15 which is more than \$10.

Additional

Comments:

The part that surprised me was when we saw that pulling money from a bag earned you more money. This part surprised me because I would expect getting \$10 for 7 days would earn you more money than pulling money from a bag because when you pull from the bag you could only get 2 \$1 bills.