

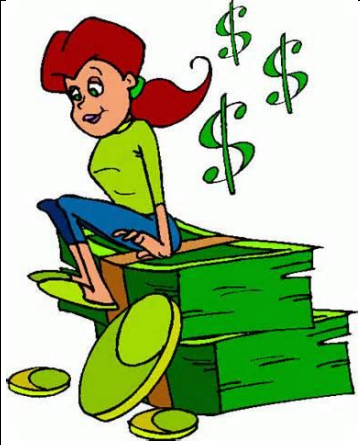
Materials:

- paper bag or container
- 1 \$10 bill
- 2 \$5 bills
- 2 \$1 bills
- partner
- recording or results sheet
- pencil

Procedure:

1. get a partner
2. gather materials
3. place all bills in paper bag
4. shake the paper bag
5. pull 2 bills without looking
6. record amount on results sheet
7. put all bills back in paper bag
8. repeat steps 3-7 nine more times

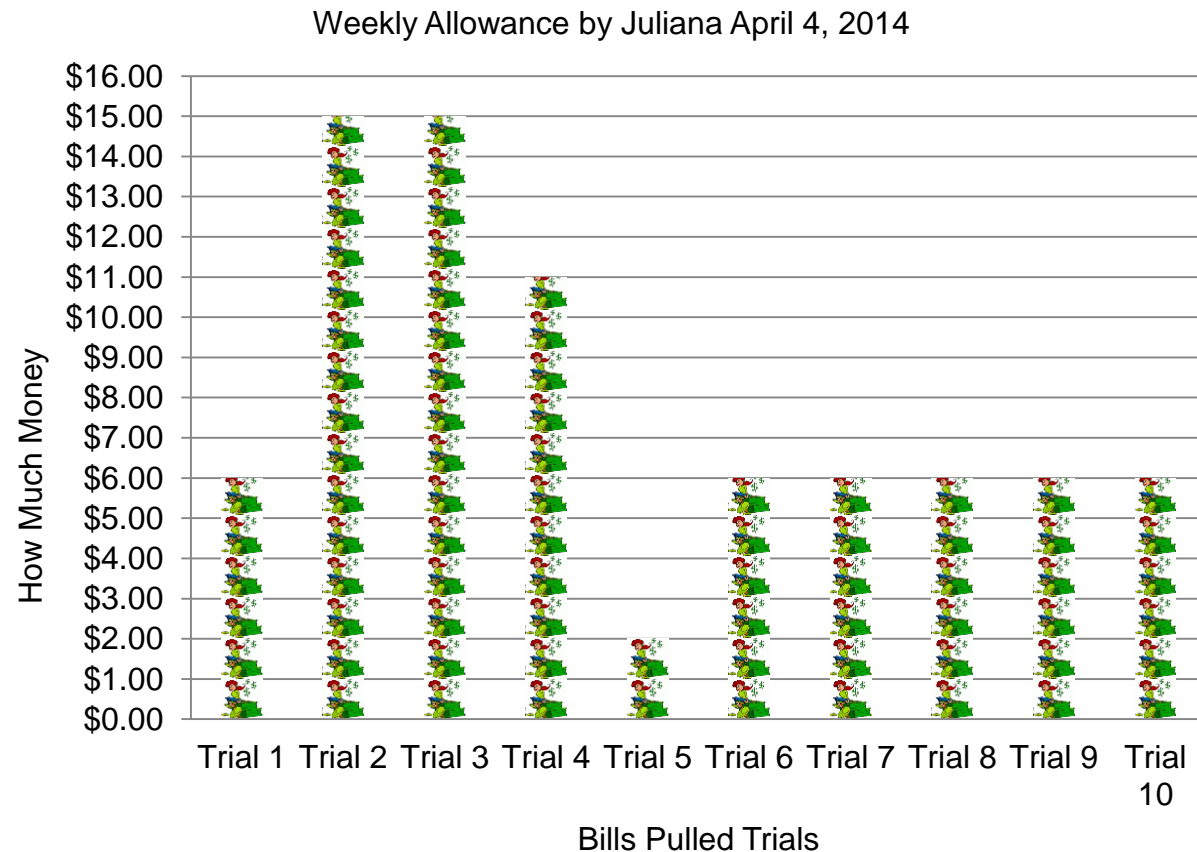
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How Much Allowance? Probability Investigation

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:

What I observed after completing all of the trial pulls of 2 bills was that I could've earned more money if I just got \$10 a week because I would already have \$100 toward the purchase of a car, but with pulling 2 bills out of a container I earned a little less.

Conclusion:

My hypothesis was incorrect because instead of getting \$100 in 10 weeks toward the purchase of a car, I ended up with less pulling the 2 bills out of a container each week.

Additional Questions or Comments:

Something that surprised me at the end of the experiment was that I got less money pulling the 2 bill from the container. This surprised me because I thought I would get more money pulling the 2 bills.