

## 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

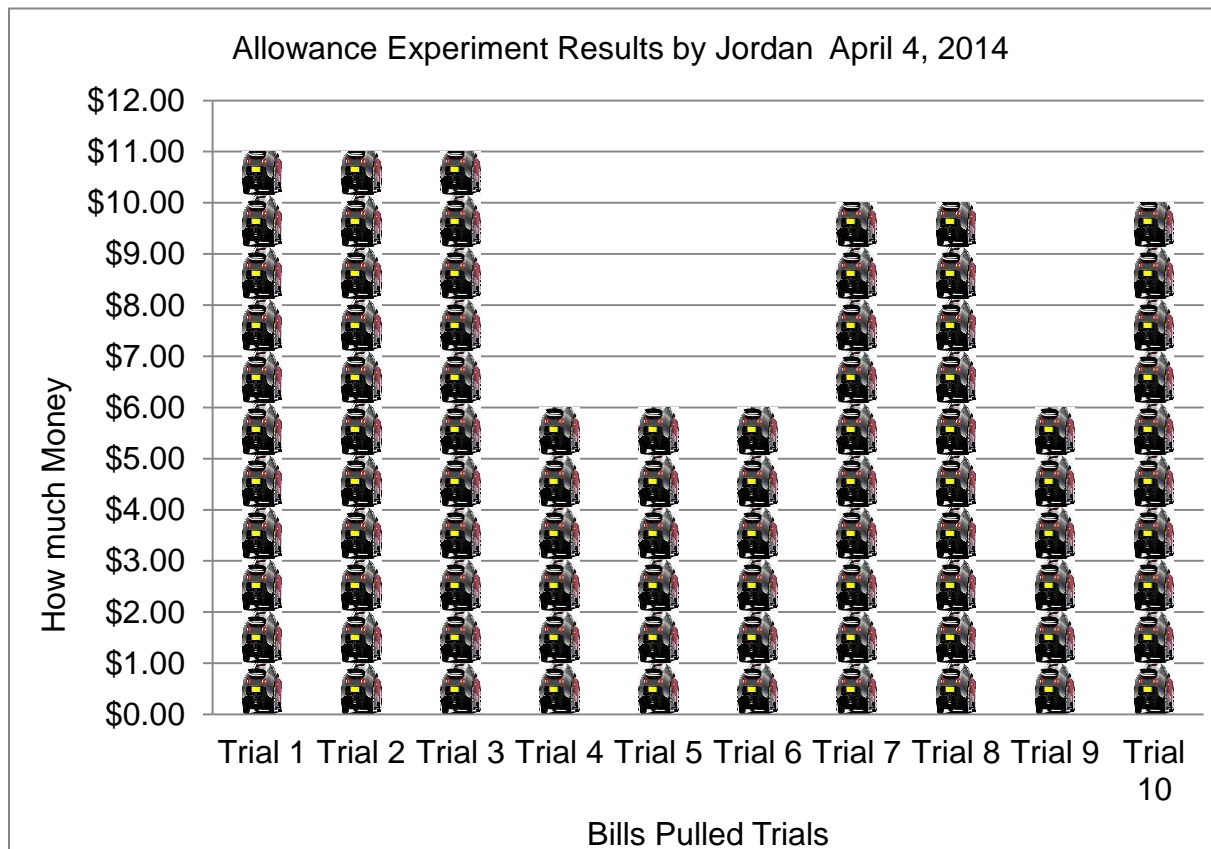
Jordan  
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## How Much Allowance? Probability Investigation

**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:

I observed that if I just kept getting the 10 dollar bill allowance I would earn 13 dollars more in a ten week period.

## Conclusion:

If you kept choosing to get 10 dollars you would have gotten 13 dollars more in a 10 week period.

## Additional Questions or Comments:

I thought you would've gotten more money if you chose from the container. I can understand how you would earn more money getting tens each week, but a whole 13 dollars? It is surprising that you would lose out on that much money.