## 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
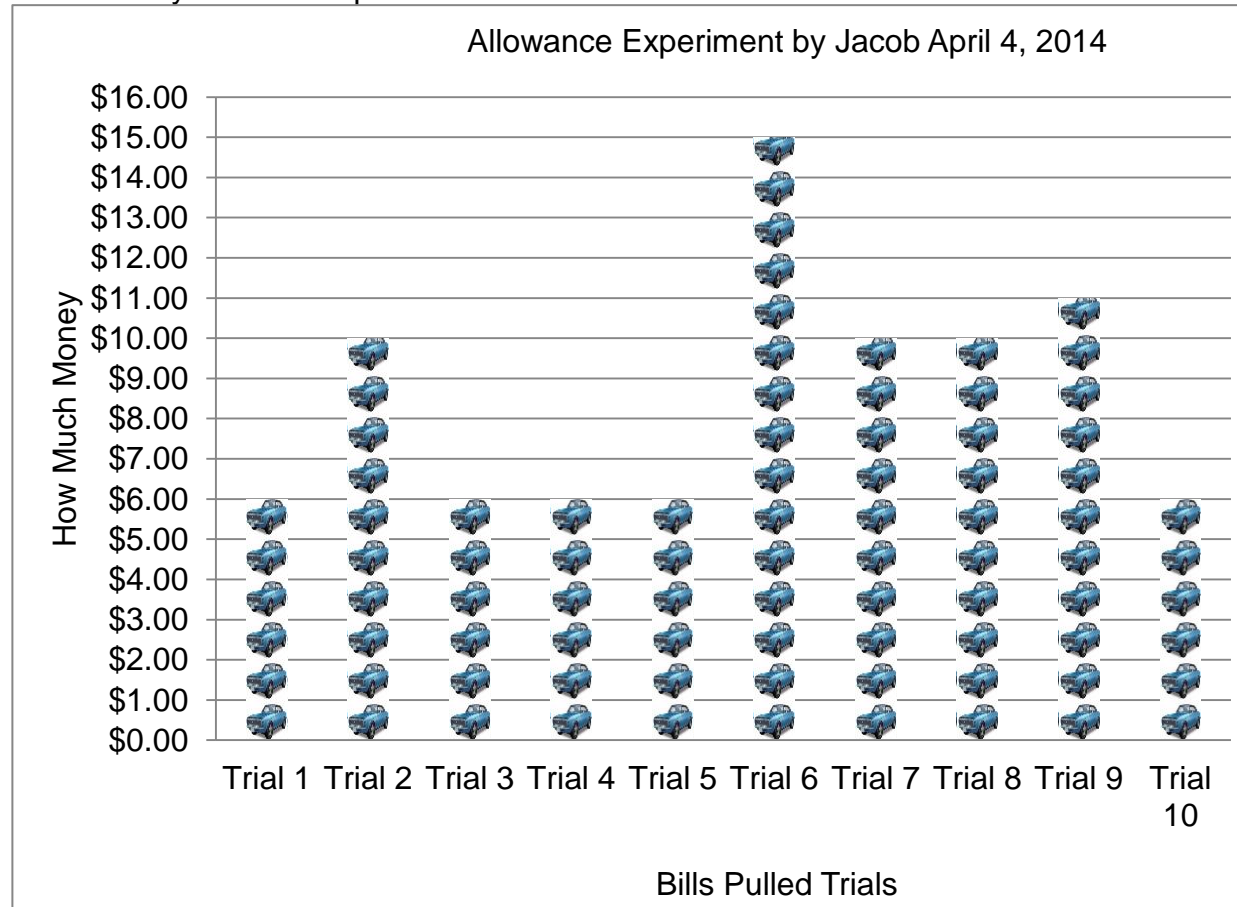8. repeat steps 3-7 nine more times

Jacob
April 29, 2014

# 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.

### Allowance Experiment by Jacob April 4, 2014



Chart with y-axis "How Much Money" ranging from $0.00 to $16.00 in $1.00 increments, x-axis "Bills Pulled Trials" showing Trial 1 through Trial 10.

## Results:

I observed that it was most likely to get $6 because there is one ten, two ones, and two fives. The hardest number to get was $11 or $15, because there is only one ten.

## Conclusion:

My project conclusion is that it is better to stick to earning $10 each week.

## Additional Questions or Comments:

It is hard to get $10.This surprised me because there are two fives which is equal to ten and one ten dollar bill.