

## 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

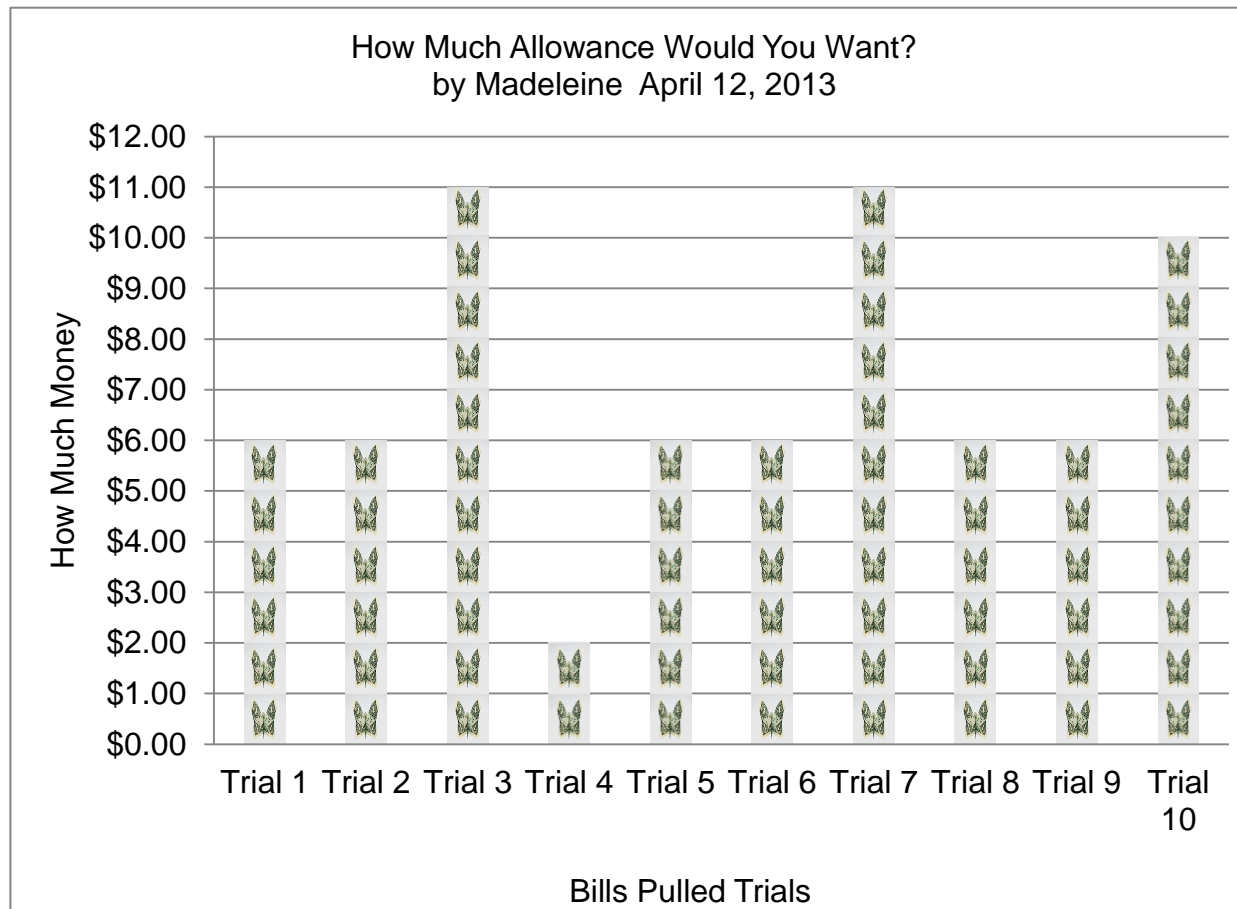
Madeleine  
April 25, 2013



## 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 observed that pulling 2 bills a week does not earn you as much as \$10 a week would give you for 10 weeks.

## Conclusion:

The results from my experiment show that my hypothesis was correct.

## Additional Questions or Comments:

What surprised me was that I mostly pulled out \$6 total in bills over the 10 weeks. It surprised me because I didn't get a lot of 2 of the same bills like I thought I would.