

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

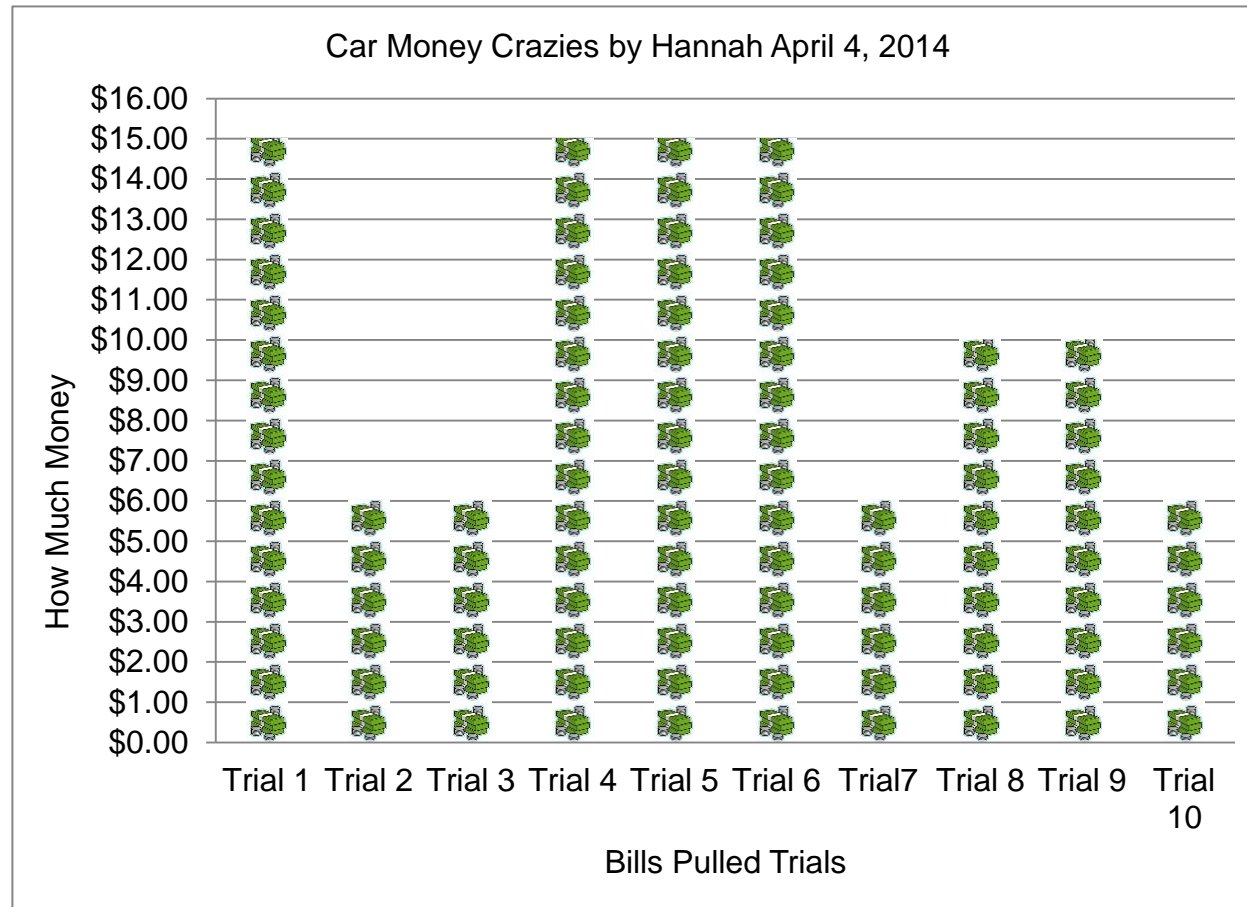
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How Much Allowance? Probability Investigation

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

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



Results:

In the experiment I kept getting the ten and the five, and I observed that pulling two bills at once was a better way to get the car money.

Conclusion:

In conclusion in the experiment the second choice worked better than the first.

Additional Questions or Comments:

One part of the experiment that surprised me was when I kept picking the ten out of the bag. This surprised me because there was only one ten in the bag and there were four other bills in the bag with the ten.