

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

Riley
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How Much Allowance? Probability Investigation

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

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

Results:

During the trial of pulling 2 bills I found that there were different amounts of money pulled, but most of the time we pulled the same amount of money.

Conclusion:

In the end of the project I noticed that the trial part was where we pulled the same bills most of the time. But the results definitely varied. Even though the results may have varied I still stick with my hypothesis choice.

Additional Questions or Comments:

What surprised me the most was that we pulled mostly \$15 and that we did not pull every possible amount. This surprised me the most because I did not pull every possible bill. This is because I didn't think that would happen.

