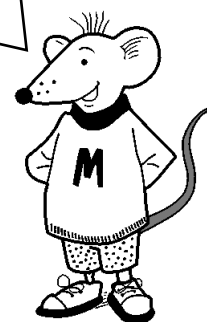


Here is an experiment for you to try.

You will need to throw a normal six sided die 50 times and record the number of times you get an odd number and the number of times you get an even number.



Before you do, how many odd numbers and how many even numbers do you think you should get? Write what you think in this table:

| Number of Throws | Number of Odd Numbers | Number of Even Numbers |
|-------------------------|------------------------------|-------------------------------|
| 50 | | |

Now throw your die and write in the next table how many odd numbers and how many even numbers you threw.

| Number of Throws | Number of Odd Numbers | Number of Even Numbers |
|-------------------------|------------------------------|-------------------------------|
| 50 | | |

Did you get the same number of odd numbers and even numbers in both tables?
Discuss your results with your teacher or parent.

Would you get the same number of odd numbers and even numbers if you repeated the experiment?

6701-05 Probability: dice **Answers**

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Expected results are half of total repetitions, but it is unlikely that in practice this is achieved. Repeating an experiment is unlikely to produce the same results again, although this is not unheard of.