

Workcard

Number

cd41w5

Level: 4

Strand: Chance and Data Substrand: Understand Chance

High Expectations

What is the chance of getting the number 1 when you roll a die?

What is:

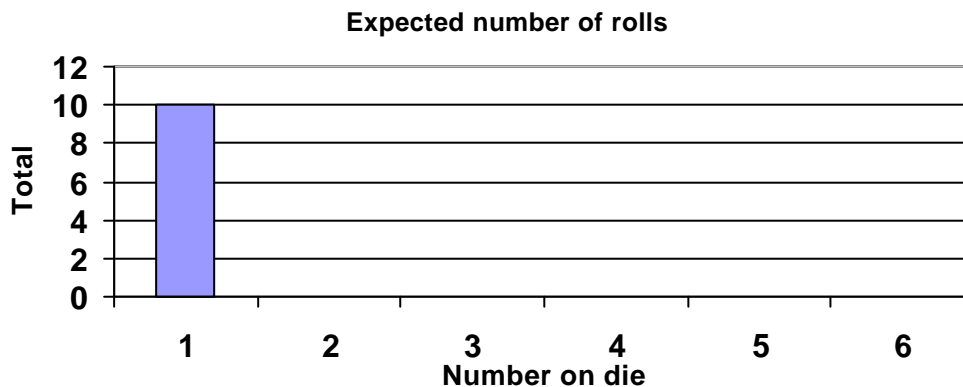
The chance of getting the number 2? 3? 4? 5? 6?

If you rolled a die 60 times how many times would you expect to get the number 1? How about each of the other numbers? Draw a table and record the expected number of times you would get each number.

Number	Expected number of times you get the number
1	

etc

Now draw a column graph to display this information.



Now roll a die sixty times and record the information in a table

Number	Tally	Total	Expected	Difference
1				

Etc

Graph the results of your die rolling on a column graph similar to the one you did for the expected number of times

Write in the expected number into your table and then calculate the difference.

Reflection

Why can you say about the actual number and expected number?

Will the expected always be different to the actual?