The law of large numbers

08

Flipping a coin

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The law of large numbers is considered the first fundamental theorem of probability theory.

It provides that the relative frequency of the results of a given random experiment tends to stabilize at a number that is exactly the probability, when such a random experiment is carried out many times.

Simulate the tossing of a normal coin 15 times, with the calculator. Observe whether the relative frequencies of the results come out heads or tails trending to the theoretical value $\frac{1}{2}$.

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