

NEWSLETTER

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STATISTICS - SCIENCE - CAREER - THE APPLICATIONS

STATISTICS is the art of gathering, analyzing and making conclusions from data. Most of the significant development in the theory of statistics didn't occur until the late nineteenth century and early twentieth centuries. Francis Galton and Karl Pearson advanced statistics by inventing with their followers standard deviation, correlation and coefficient.

In 1915, R.A. Fisher developed methods appropriate for small samples and several other items. This was followed by more application approach, in correlation with quality control as specially take interests in surveys. In 1939, Abraham Wald said statistics can be regarded as a game with the opponent being nature. Computers have made a vast increase in the use of statistics because of the increase of computing power. They have made large data sets more easily used.

With the application of statistics and the use of computers, statistics is more usable in many jobs today. There are many career choices available today, most of which require the knowledge of mathematics in some capacity. Several jobs require a kind of math called statistics. People choosing careers in journalism and news broadcasting use statistics to make numbers make more sense for their audience, sometimes they use charts to prove points.

Sports recruiters use statistics to check out potential athletes. Sports teams also use statistics to prepare for upcoming opponents. They also use statistics to decide which players are doing well and they try to predict which players will bring the best results for the game.

The people who pick out merchandise for retail stores also use statistics. They look to find out what styles and colors sold the best in previous seasons and then they decide what to buy. Police officers also use statistics in several ways. The first way is to find out what intersections have the highest accident rate and then they are able to watch those intersections and reduce the number of accidents. They also study the crime rates in different neighborhoods to show the need for additional police force. The above is just a list of few. Statistics which is a branch of Mathematics simply say a society must rise to the need of the future in advancing Mathematics at all levels.

MATHS EDUCATION

For Students and Teachers
WASSCE 2013 DISCUSSED

It is great to remember that the WASSCE 2013 is barely 5 months away. It is amazing to start digging deep towards better results in Mathematics now. NOW! Invest your time and energy on worthy goals. Topics such as **Arithmetic, Algebra, Geometry, Trigonometry, Functions & Graphs, and Principles of Analysis, Sets and Probability** are treated with helps, questions and solutions.

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- Trigonometry
- Functions & Graphs
- Principles of Analysis
- Sets
- Probability
- Analytic Geometry



QUESTION OF THE MONTH

Fifty numbers have an average of 76. Forty of these numbers have an average of 80. What is the average of the other ten numbers?



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We wish you a Merry Christmas