

A Level Mathematics Report Statements

Statement	Link
Develop your understanding of the 4 specific types of hypothesis tests.	video link
Be able to calculate continuity corrections when using the normal distribution	video link
Recognise when the mean changes in a binomial distribution question	video link
Adjust the standard deviation when carrying out hypothesis tests on the sample mean	video link
Recognise and use conditional probabilities	video link
Produce a self help guide on using all the required functions of your Classwiz calculator	video link
Ensure you are aware of all contextual aspects of the large data set and use this knowledge when making statistical calculations.	video link
Develop your understanding of all the different types of sampling, including their advantages and disadvantages.	video link
Be able to confidently carry out proof by contradiction.	video link
Be able to prove the formulae for the sums of both arithmetic and geometric sequences	video link
Develop your understanding of logarithms and solving equations using logarithms	video link
Be able to use knowledge of logarithms/exponentials to convert non linear graphs into linear graphs	video link
Be able to use integration to calculate areas between curves and lines	video link
To be able to demonstrate differentiation from first principles	video link
Be able to use differentiation to solve problems including rates of change	video link

To be able to solve trigonometric equations in sine, cosine and tangent - including quadratic equations	video link
To be able to find expressions for composite functions and their inverses	video link
To understand the difference between $ f(x) $ and $f(x)$	video link
To be able to correctly sketch appropriate modulus graphs and use them to solve equations	video link
Select an appropriate technique to find the domain and range of a function	video link
Know how to interchange between radians and degrees for all multiples of 30 and 45 between 0 and 360.	video link
Know all 3 small angle approximations for sine, cosine and tangent.	video link
To be able to solve trigonometric equations in sine, cosine and tangent - giving solutions in terms of radians.	video link
Challenge: Attempt some questions from MAT / TMUA papers	