

A Level Further Mathematics Report Statements

Further resources available via Integral maths

Statement	Links
Be able to use the two stage Simplex algorithm	video link
Be able to use the Big-M method	video link
Be able to complete all the early and late event times when analysing critical paths	video link
Be able to complete Gantt charts that identify floats and critical activities	video link
Be able to complete critical path analysis resource histograms and comment on efficiency	video link
Complete critical path analysis scheduling diagrams	video link
Be able to use Dijkstra's algorithm to find the shortest path	video link
Be able to use the route inspection algorithm	video link
Develop your understanding of the travelling salesman algorithm	video link
Be able to use all the Decision maths sorting algorithms	video link
Be able to represent loci in Argand diagrams	video link
Be able to calculate volumes of revolution around both the x and y axes	video link
To be able to find sums of series using standard results	video link
To be able to find the determinant of a 3×3 matrix without using a calculator	video link
To be able to determine whether a system of three linear equations in three unknowns is consistent or inconsistent	video link
Develop your understanding of the different types of proof by induction	video link
Be able to convert the vector form of a line into Cartesian form	video link
Understand how to use the scalar product to find an angle between two three dimensional vectors	video link
Determine whether two three dimensional vectors intersect and if so, locate this point	video link