

EXERCISES IN ANALYTICAL GEOMETRY

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Exercises in Analytical Geometry by J. M. Dyer

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J. M. DYER

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IN
ANALYTICAL GEOMETRY

BY

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WITH ILLUSTRATIONS.



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PREFACE.

THESE Exercises have been written with the object of imparting a sound knowledge of the principles of Modern Analytical Geometry to any boys in my more advanced class, who are preparing for Scholarships at the Universities or for the Indian Civil Examination, and it is hoped that the book will be useful to boys doing similar work in other schools.

Candidates for Mathematical Honours at the Universities, who have not devoted much attention to this important subject, would also be benefited by a course of the more difficult problems.

I have to thank my friend Mr C. Leudesdorf, M.A., Fellow of Pembroke College, Oxford, for reading through the proof-sheets and for verifying results.

My acknowledgements are also due to him and to other friends who have kindly furnished me with problems for insertion.

J. M. DYER.

CHELTENHAM COLLEGE,
March 10, 1881.

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This not only helps in tracking expenses but also ensures compliance with tax regulations.

In the second section, the author provides a detailed breakdown of the monthly budget. It includes categories such as housing, utilities, food, and transportation. Each category is further divided into specific items, with corresponding amounts listed. This level of detail is crucial for identifying areas where costs can be reduced.

The third section focuses on the analysis of the budget. It compares the actual spending against the planned budget for each month. Any variances are noted and explained, such as unexpected increases in utility costs or changes in food expenses. This analysis is essential for understanding the reasons behind budget overruns or savings.

Finally, the document concludes with a summary of the overall financial performance. It highlights the total amount spent and compares it to the total budget. The author also provides recommendations for future budgeting, such as setting aside a contingency fund for unexpected expenses and regularly reviewing the budget to adjust for changes in income or needs.

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