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## A BRIEF DESCRIPTION ON THE FUNCTIONS OF TRIGONOMETRY

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### ABSTRACT

*There are a variety of mathematical ideas that are often utilized in real-world applications. Trigonometry is one such idea that is now widely utilized in a variety of tasks, including the construction of dams, bridges, and buildings. When it comes to solving real-world issues, trigonometric calculations have shown to be dependable and helpful. Working on it is both simple and enjoyable. In general, students find it difficult to grasp its ideas at first, but once they do, solving trigonometric problems becomes very interesting and enjoyable. Angles and sides are the focus of trigonometry. All trigonometric calculations and formulas are based entirely on triangle angles and sides. There are a number of trigonometric identities that may be used to assist solve trigonometric issues. This article has covered all of the ideas related to trigonometry, including identities, formulas, and graphical representations of trigonometric functions. This article describes how trigonometry is used in real-life situations. It discusses the future of trigonometry and the need of pupils fully understanding trigonometric principles.*

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**KEYWORDS:** *Angle, Mathematics, Side, Sine, Trigonometry.*

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