

**CORPORATION OF STUDENTS' BASIC MATHEMATICS KNOWLEDGE  
FACULTY OF TARBIYAH AND TEACHING SCIENCE  
IAIS SAMBAS WEST KALIMANTAN**

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**Abstract**

The aim of the research is to determine the basic mathematical knowledge of each class and to find out the similarities or differences in basic mathematical knowledge of each class in the fifth semester of the Tarbiyah and Teacher Training Faculty at IAIS Sambas. The research method is a quantitative method. The research sample consisted of 104 people. The data collection technique uses Kruskal Wallis analysis. The research results showed that PGMI B class had the highest achievement percentage at 90%, followed by PGMI B at 87%, then PAI A class at 77%, followed by PAI B class at 72%, and finally PAUD class at 60%. The results of the Kruskal Wallis test show that there is a significant difference in basic mathematics knowledge of students from the Tarbiyah and Teacher Training Faculty at IAIS Sambas. However, it is hoped that students can continue to improve their abilities in mathematics, because very few can answer perfectly.

**Keyword:** Knowledge, Basic Mathematics.

**INTRODUCTION**

Mathematics is a field of study studied from elementary school to university level (Anggraeni et al., 2022). However, many students consider mathematics lessons difficult so they are afraid to study mathematics and some of them have low grades in this subject (Agustyaningrum et al., 2022). Mathematics is also closely related to everyday life, therefore mathematics is very important to learn (Fauzi et al., 2020). Mathematics is a deductive, axiomatic, formal, abstract science and uses symbolic language (Farhana et al., 2022).

Mathematics is a universal science so it can be used in human life and in this case mathematics also underlies and is a factor in the development of modern technology and has an important role in various disciplines and advancing human thinking (Lestari, 2021).

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