

## ABSTRAK

**RODI NANTI MARBUN: Pengaruh Metode GASING Terhadap Hasil Belajar matematika Kelas IV SDN 175785 Sijarango 1 Kecamatan Pakkat T.A 2023/2024. Skripsi. Medan: Fakultas Ilmu Pendidikan Universitas Negeri Medan, 2024**

Penelitian ini bertujuan untuk mengetahui: (1) hasil belajar siswa sebelum menerapkan metode GASING dalam pembelajaran. (2) hasil belajar matematika siswa setelah menerapkan metode GASING dalam pembelajaran. (3) pengaruh metode gasing terhadap hasil belajar matematika kelas IV SD N 175785 Sijarango 1 Kecamatan Pakkat T.A 2023/2024. Lokasi penelitian ini adalah di SD N 175785 Sijarango 1. Waktu penelitian dari bulan mei hingga bulan juni 2024. Jenis penelitian yang di gunakan adalah *Pre eksperimen one group pretest posttest design*. Populasi dalam penelitian ini adalah 23 orang siswa kelas IV SD N 175785 Sijarango 1. Sampel dalam penelitian ini berjumlah 23 orang yang di ambil dengan menggunakan teknik total sampling. Seluruh sampel di beri perlakuan berupa pembelajaran Metode Matematika GASING. Teknik pengumpulan data di lakukan dengan memberikan soal tes sebelum diberi perlakuan dan juga setelah diberi perlakuan serta dokumentasi untuk mengetahui hasil dari pretest dan posttest. Rata-rata hasil *pretest* 42,39 dan rata-rata nilai *post test* 72,61 kemudian nilai Data di analisis dengan menggunakan uji *Paired sample T-test*. Hasil ini menunjukkan bahwa terdapat pengaruh yang signifikan pada Metode Matematika GASING terhadap hasil belajar matematika siswa kelas IV SD Negeri 175785 Sijarango T.A 2023/2024. Hal ini di buktikan dengan nilai Thitung (17, 133) yang lebih besar di bandingkan dengan Ttabel (2, 073) atau  $17,133 > 2,073$  pada taraf signifikansi 0,05 Yang berarti Hipotesis  $H_0$  di tolak dan  $H_a$  di terima artinya Adanya pengaruh Metode GASING terhadap hasil belajar Matematika siswa kelas IV SD N 175785 Sijarango 1 Kecamatan Pakkat T.A 2023/2024

**Kata Kunci: Metode GASING, Hasil Belajar Matematika, Bangun datar**

## ABSTRACT

**RODINANTI MARBUN: The Effect of the GASING Method on Mathematics Learning Outcomes in Grade IV of SDN 175785 Sijarango 1 Pakkat District in 2023/2024 Skripsi. Medan: Faculty of Education, State University of Medan, 2024**

This study aims to find out: (1) student learning outcomes before applying the GASING method in learning. (2) students' mathematics learning outcomes after applying the GASING method in learning. (3) the effect of the GASING method on the learning outcomes of grade IV mathematics of SD N 175785 Sijarango 1, Pakkat District, in 2023/2024. The location of this research is at SD N 175785 Sijarango 1. The research period is from May to June 2024. The type of research used is pre-experiment one group pretest posttest design. The population in this study is 23 students in grade IV of SD N 175785 Sijarango 1. The sample in this study amounted to 23 people who were taken using the total sampling technique. All samples were treated in the form of learning the GASING Mathematical Method. The data collection technique is carried out by providing test questions before being given treatment and also after being given treatment and documentation to find out the results of the pretest and posttest. The average pretest result was 42.39 and the average post test score was 72.61 then the data value was analyzed using the Paired sample T-test. These results show that there is a significant influence on the GASING Mathematics Method on the mathematics learning outcomes of grade IV students of SD Negeri 175785 Sijarango at 2023/2024. This is evidenced by the value of T-count (17, 133) which is greater than that of T-table (2, 073) or  $17,133 > 2,073$  at a significance level of 0.05 Which means that the  $H_0$  hypothesis is rejected and  $H_a$  is accepted, This means that the effect of the GASING Method on the learning outcomes of Mathematics students in grade IV of SD N 175785 Sijarango 1, Pakkat District, in 2023/2024

**Keywords: GASING Method, Mathematics Learning Outcomes, Two-dimensional Figure**