

ABSTRAK

Pelaksanaan penelitian dilaksanakan di SMP Negeri 2 Kabanjahe dengan mendatangi rumah siswa. Penelitian ini bertujuan untuk mengetahui kesulitan siswa dalam menentukan hubungan antar garis dan hubungan antar sudut dan faktor-faktor penyebab kesulitan menentukan hubungan antar garis dan hubungan antar sudut.

Subjek penelitian ini adalah siswa kelas VII⁴ yang berjumlah 30 siswa. Isterumen pengumpul data yang digunakan terdiri dari soal tes dan wawancara. Data hasil tes tersebut kemudian dianalisis, analisis data kualitatif dalam penelitian ini menggunakan metode analisis kesulitan siswa dan faktor penyebab kesulitan siswa mengerjakan soal materi garis dan sudut.

Berdasarkan hasil analisis data di peroleh siswa sulit menentukan hubungan antar garis dan hubungan antar sudut dan penyebab kesulitan siswa dalam materi garis dan sudut yaitu siswa sulit mengingat rumus dan sulit meghitung.

Kata kunci: Hubungan antar garis dan hubungan antar sudut.

ABSTRACT

The research was carried out in SMP Negeri 2 Kabanjahe by visiting students' homes. This study aims to determine the difficulty of students in determining the relationship between lines and relationships between angles and the factors that cause difficulties determining relationships between lines and relationships between angles.

The subjects of this study were students of class VII4, amounting to 30 students. The data collection instrument used consisted of test and interview questions. The test result data is then analyzed, qualitative data analysis in this study uses the analysis method of student difficulties and the factors that cause students difficulty working on material lines and angles.

Based on the results of the analysis of the data obtained by students it is difficult to determine the relationship between lines and relationships between angles and the causes of students' difficulties in material lines and angles ie students have difficulty remembering formulas and difficult to calculate.

Keywords: Relations between lines and relationships between angles.

