

ABSTRAK

Annisa Wahyuni Hasibuan (NIM. 4192411017). Pengaruh Pendekatan *Realistic Mathematics Education* (RME) Terhadap Kemandirian Belajar Matematika Siswa Kelas VII Di SMP Negeri 5 Percut Sei Tuan.

Penyajian kegiatan pembelajaran yang kurang bervariasi juga dapat menimbulkan kejenuhan peserta didik terhadap materi dan kegiatan belajar. Interaksi pendidik dan peserta didik dalam menangkap materi pelajaran, dalam arti pendidik lebih mendominasi proses pembelajaran dan peserta didik lebih banyak diam dan memperhatikan saja. Beberapa pendidik belum mengembangkan pendekatan pembelajaran yang mengikut sertakan peserta didik secara aktif dalam proses pembelajaran. Hal ini mengakibatkan peserta didik pasif, kurang berkonsentrasi, dan kurang bekerja sama dengan peserta didik yang lain. Penelitian ini bertujuan untuk mengetahui pengaruh pendekatan *Realistic Mathematics Education* (RME) Terhadap Kemandirian Belajar Matematika Siswa Kelas VII Di SMP Negeri 5 Percut Sei Tuan. Penelitian ini bersifat quasi eksperimen dan jenis penelitian ini adalah penelitian kuantitatif. Teknik pengumpulan datanya menggunakan teknik angket dan wawancara. Populasi penelitian ini adalah seluruh peserta didik kelas VII SMP Negeri 5 Percut Sei Tuan yang terdiri dari delapan kelas. Sampel penelitian ini menggunakan dua kelas, yaitu kelas eksperimen, kelas yang diterapkan pendekatan *Realistic Mathematics Education* (RME) dan kelas kontrol, kelas yang menggunakan model konvensional dan sampel yang diambil pada penelitian ini menggunakan teknik *Cluster Random Sampling*. Teknik pengumpulan data menggunakan butir angket yang diberikan kepada peserta didik. Data yang diperoleh kemudian dianalisis menggunakan uji-t. Berdasarkan hasil analisis data *posttest* kelas eksperimen dengan taraf signifikan 0,05 didapat = 0,000, karena $t_{hitung} = 6,110 > t_{tabel} = 1,672$ berarti pendekatan *Realistic Mathematics Education* (RME) berpengaruh terhadap kemandirian belajar matematika siswa kelas VII di SMP Negeri 5 Percut Sei Tuan.

Kata kunci: pendekatan *Realistic Mathematics Education* (RME), kemandirian belajar.

ABSTRACT

Annisa Wahyuni Hasibuan (NIM. 4192411033). The Effect of the Realistic Mathematics Education (RME) Approach on the Independence of Learning Mathematics for Grade VII Students at SMP Negeri 5 Percut Sei Tuan.

Presentation of learning activities that are less varied can also lead to boredom of students towards learning materials and activities. The interaction of educators and students in capturing subject matter, in the sense that educators dominate the learning process and students are more silent and just pay attention. Some educators have not developed a learning approach that involves students actively in the learning process. This results in passive students, less concentration, and less cooperation with other students. This study aims to determine the effect of the Realistic Mathematics Education (RME) approach on the Independence of Learning Mathematics for Grade VII Students at SMP Negeri 5 Percut Sei Tuan. This research is quasi-experimental and this type of research is quantitative research. Data collection techniques using questionnaires and interviews. The population of this study were all students of class VII SMP Negeri 5 Percut Sei Tuan consisting of eight classes. The research sample used two classes, namely the experimental class, the class that applied the Realistic Mathematics Education (RME) approach and the control class, the class that used conventional models and the samples taken in this study used the Cluster Random Sampling technique. The data collection technique uses a questionnaire given to students. The data obtained were then analyzed using the t-test. Based on the results of the posttest data analysis in the experimental class with a significant level of 0.05, it was obtained = 0.000, because = 6.110 > = 1.672, meaning that the Realistic Mathematics Education (RME) approach had an effect on the independence of learning mathematics for class VII students at SMP Negeri 5 Percut Sei Tuan.

Keywords: Realistic Mathematics Education (RME) approach, learning independence.

