Abstract

This study aims to produce Student Worksheets based on PMRI's approach used the context of unloading houses with categories valid and practical as well as to determine the potential effect on ability students' mathematical connections. This research was a Research and Development with the development research model used the ADDIE development (Analysis, Design, Development, Implementation, and evaluation). Validity data was obtained based on the validity of the questionnaire data analyzed descriptively by analyzing comments and suggestions from the validator. Data practicality obtained based on the questionnaire data used to determine the practicality of the LKPD was analyzed using a Likert scale with a score rule of student response questionnaire. The potential effect of the results of the analysis of student answers on the test evaluation in LKPD. The subjects of this study were eighth grade students of SMP Az-Zawiyah Tanjung Batu. The results of this study indicated that the LKPD that developed declared valid based on the comments and suggestions of the validator and practical based on student response questionnaires and the developed LKPD has potential effect on students' mathematical connection ability.

***Keyword**s: LKPD, PMRI approach, students' mathematical connection ability.*

Abstrak

Penelitian ini bertujuan untuk menghasilkan Lembar Kerja Peserta Didik berbasis pendekatan PMRI menggunakan konteks rumah bongkar pasang dengan kategori valid dan praktis serta untuk mengetahui efek potensial terhadap kemampuan koneksi matematis siswa. Penelitian ini merupakan penelitian Research and Development dengan model penelitian pengembangan yang digunakan ialah model pengembangan ADDIE *(Analysis, Design, Development, Implementation, and Evaluation).* Data kevalidan diperoleh berdasarkan data angket kevalidan dianalisissecara deskriptif dengan menganalisa komentar dan saran dari validator. Data kepraktisan diperoleh berdasarkan data angket yang digunakan untuk mengetahui kepraktisan LKPD dianalisis dengan menggunakan skala likert dengan aturan skorangket respon siswa. Efek potensial dari hasil analisis jawaban siswa pada tes evaluasi yang ada di LKPD. Subjek penelitian ini adalah siswa kelas VIII SMP Az-Zawiyah Tanjung Batu. Hasil penelitian ini menunjukan bahwa LKPD yang dikembangkan dinyatakan valid berdasarkan komentar dan saran validator dan praktis berdasarkan angket respon siswa serta LKPD yang dikembangkan memilikiefek potensial terhadap kemampuan koneksi matematis siswa.

Kata Kunci: LKPD, Pendekatan PMRI, Kemampuan koneksi matematis siswa