

ABSTRAK
PENGEMBANGAN BUKU SOAL MATEMATIKA BERBASIS AKM (ASESMEN
KOMPETENSI MINIMUM) NUMERASI UNTUK
KELAS IV SD

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Penelitian ini dilatarbelakangi oleh kurangnya media buku soal pra-AKM Numerasi Matematika dalam membantu guru dan siswa dalam proses latihan-latihan soal berbasis Asesmen Kompetensi Minimum (AKM). Metode yang digunakan dalam penelitian ini adalah *Research and Development* (R&D). Dalam penelitian ini, terdapat tiga validator para ahli yang terdiri dari para dosen PGSD dan satu guru kelas IV B SDN Demangan Yogyakarta. Pada penelitian ini uji coba dilakukan pada siswa kelas IV B yang berjumlah 23 siswa. Subjek dari penelitian ini adalah dua dosen ahli PGSD, guru kelas IV B, dan 23 siswa SDN Demangan Yogyakarta. Objek dari penelitian ini adalah buku yang berisi kumpulan soal AKM numerasi matematika yang dapat guru dan siswa gunakan dalam belajar dan mengenal soal yang berbentuk AKM numerasi.

Hasil dari penelitian ini menunjukkan bahwa 1) soal AKM numerasi dikembangkan dengan menggunakan langkah-langkah *Formative Research*. 2) hasil dari kualitas soal AKM numerasi matematika yang telah divalidasi oleh para ahli yaitu dua dosen ahli dan satu guru kelas IV SD memiliki rerata 2,39 dengan kategori “Cukup”. Selain itu hasil validasi yang dihitung menggunakan SPSS 16 juga menghasilkan soal yang baik meskipun memiliki 14 soal tidak valid dan 16 soal valid. Pada hasil reliabilitas kualitas soal dinyatakan reliabel dengan angka 0,769. Sedangkan pada hasil daya beda soal mendapatkan persentase 63% “baik”, 31% “Cukup”, dan 6% “dibuang”. Dan hasil tingkat kesukaran memiliki persentase 73% “Cukup”, 17% “mudah”, dan 6% “sulit”. Dari hasil validitas, reliabilitas, daya beda, dan tingkat kesukaran maka soal AKM numerasi mendapatkan kualitas baik dan dapat diuji cobakan secara lebih luas.

Kata Kunci: pengembangan, soal asesmen kompetensi minimum, matematika.

ABSTRACT
A DEVELOPMENT OF A NUMERACY MATH QUESTION BOOK BASED ON AKM
(MINIMUM COMPETENCY ASSESSMENT) FOR 4TH ELEMENTARY GRADES

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The background of the study is the lack of media for the pre-AKM Numeracy Mathematics question book in helping teachers and students in the process of practicing questions based on Minimum Competency Assessment (AKM). The method used in this research is Research and Development (R&D). In this research, there were three expert validators consisting of PGSD lecturers and one teacher of 4th B Elementary grades in SDN Demangan Yogyakarta. In this study, the trial was conducted on 4th B elementary grade students with a total of 23 students. The subjects of this study were two PGSD expert lecturers, a 4th elementary grade teacher, and 23 students of SDN Demangan Yogyakarta. The object of this research is a book containing a collection of AKM numeracy math problems that teachers and students can use in learning and recognizing problems which are in the form of numeracy AKM.

The results of this study showed that 1) the AKM numeracy questions were developed using Formative Research steps. 2) the results of the quality of AKM numeracy math questions that have been validated by experts, that is, two expert lecturers and one 4th elementary grade school teacher, have an average of 2.39 with the category "Enough". In addition, the validation results calculated using SPSS 16 also produce good questions even though they have 14 invalid questions and 16 valid questions. On the reliability results of the question quality were declared reliable with a number of 0.769. Meanwhile, the results of the question's differential power get a percentage of 63% "good", 31% "sufficient", and 6% "discarded". And the results of the level of difficulty have a percentage of 73% "sufficient", 17% "easy", and 6% "difficult". From the results of validity, reliability, differentiation, and difficulty level, the AKM numeracy questions get good quality and can be tested wider.

Keywords: development, minimum competency assessment questions, mathematics.