ABSTRAK

Hutagaol, Theresia Efa Nanda (2016). *Pengembangan Tes Hasil Belajar Kompetensi Dasar Melakukan Operasi Hitung Campuran Bilangan Bulat Untuk Siswa Kelas V Sekolah Dasar*. Skripsi Yogyakarta: Pendidikan Studi Guru Sekolah Dasar Universitas Sanata Dharma.

Latar belakang penelitian ini adalah adanya potensi dan masalah yang dihadapi guru terkait dengan pembuatan tes hasil belajar serta kebutuhan guru pada soal yang telah memiliki karakteristik kualitas butir soal baik. Penelitian ini bertujuan untuk: (1) mengembangkan tes hasil belajar pada mata pelajaran matematika kompetensi dasar operasi campuran bilangan bulat untuk siswa kelas V SD, (2) mendeskripsikan kualitas produk tes hasil belajar pada mata pelajaran matematika kompetensi dasar operasi campuran bilangan bulat untuk siswa kelas V SD.

Penelitian pengembangan tes hasil belajar ini menggunakan metode penelitian dan pengembangan (R&D) memodifikasi langkah dan prosedur pengembangan penelitian Borg *and* Gall yaitu melalui 7 langkah (1) potensi masalah, (2) pengumpulan data, (3) desain produk, (4) validasi desain, (5) revisi desain, (6) uji coba produk, dan (7) revisi produk. Subjek penelitian ini adalah siswa kelas 5A dan 5B SD Kanisius Wirobrajan.

Hasil penelitian dan pengembangan ini menunjukkan (1) langkah-langkah penelitian dan pengembangan melalui 7 langkah yaitu (a) potensi masalah, (b) pengumpulan data, (c) desain produk, (d) validasi desain, (e) revisi desain, (f) uji coba produk, dan (g) revisi produk, (2) hasil analisis butir soal pada 50 butir tes diperoleh (a) 38% soal valid, (b) soal termasuk reliabel, (c) daya beda butir tes yaitu kategori baik 75% dan kategori baik sekali 25%, (d) tingkat kesukaran butir tes diperoleh hasil yaitu kategori mudah 0%, kategori sedang 50%, dan kategori sukar 50%, (e) terdapat 3 *option* yang tidak berfungsi dan dilakukan revisi.

Kata kunci: pengembangan, tes hasil belajar, validitas, reliabilitas, daya pembeda, tingkat kesukaran, analisis pengecoh.

ABSTRACT

Hutagaol, Theresia Efa Nanda. (2016). *The Development of Basic Competence Mathematics Operations Real Number of Fifth Grade Of Primary School*. Thesis. Yogyakarta: Elementary School Teacher Education Study Program, Sanata Dharma University.

The background of this research is the existence of potency and the problem that teacher face in making the final test and also teacher's need in the test questions which have good quality. This research aimed to: (1) develop study result test to the subject of Mathematics basic competence mathematics operations real number for primary school grade 5, (2) describe quality of study test result product to the basic competence of Mathematics sucject about mathematics operations real number for the fifth grade of primary school.

The material for the research development used research and development method. The process of this research and development that would be done, by integrating two models mentioned above are (1) problem potential, (2) data collection, (3) product design, (4) validation design, (5) revision design, (6) trial product, (7) revision product, until it produced limited trial product. Subject of this research are the students grade 5 Kanisius Wirobrajan Primary School.

The result of this research and development showed that (1) The process of this research and development that would be done, by integrating two models mentioned above are (a) problem potential, (b) data collection, (c) product design, (d) validation design, (e) revision design, (f) trial product, (g) revision product, until it produced limited trial product, (2) analysis result from 50 questions showed (a) 38% questions are valid (b) the questions are reliable (b) the distinguish of the questions are categorized as medium good as 75% and good as 25% (d) the level of difficulties of the questions are categorized in 0 % easy, 50% medium, 50% hard (e) there are three options that can't be used and revised.

Key words: development, final result study, validity, reliability, distinguishing, difficulty level, distractor analysis.