

ABSTRAK

PENGEMBANGAN TES HASIL BELAJAR MATEMATIKA KOMPETENSI DASAR MELAKUKAN PENGUKURAN SUDUT UNTUK SISWA KELAS V SEKOLAH DASAR

Nadia Azizah Farhani
Universitas Sanata Dharma
2017

Latar belakang penelitian ini berawal dari adanya potensi dan masalah yang terkait dengan pengembangan tes hasil belajar. Masalah yang dihadapi guru adalah kesulitan pembuatan tes hasil belajar dengan kualitas baik. Maka dari itu peneliti menggunakan penelitian pengembangan (*R&D*) untuk melakukan pengembangan tes hasil belajar matematika kompetensi dasar melakukan pengukuran sudut untuk siswa kelas V SD. Hasil uji coba produk dianalisis menggunakan software TAP (*Test Analysis Program*).

Peneliti menggunakan langkah-langkah penelitian *R&D Borg and Gall* yang menggunakan tujuh langkah yaitu: (1) potensi dan masalah, (2) pengumpulan data, (3) desain produk, (4) validasi desain, (5) revisi desain, (6) uji coba produk, (7) revisi produk. Produk berupa tes hasil belajar yang baik telah divalidasi oleh empat ahli dan diuji cobakan di SD N Bantulan dan SD N 2 Gadingharjo dengan jumlah 60 siswa.

Hasil penelitian pengembangan menunjukkan bahwa 46,67% atau 28 butir soal valid dan reliabel dari 60 butir soal. Analisis tingkat kesukaran “mudah” ada 39,28 % atau 11 soal, “sedang” ada 60,72% atau 17 soal, dan tidak ada soal dalam kategori “sukar”. Terdapat hasil analisis daya pembeda yang “baik” sebanyak 85, 71% atau 24 soal dan “baik sekali” sebanyak 14,29 % atau 4 soal. Pengecoh yang kurang berfungsi ada 10 soal dan akan direvisi agar bisa digunakan.

Kata Kunci : Pengembangan, tes hasil belajar, validitas, reliabilitas, daya pembeda, tingkat kesukaran, pengecoh, dan kualitas tes.

ABSTRACT

THE DEVELOPMENT OF MATH ACHIEVEMENT TEST ON THE BASE COMPETENCE OF MEASURING THE ANGLE FOR GRADE V STUDENTS ON ELEMENTARY SCHOOL

Nadia Azizah Farhani Sanata
Dharma University 2017

The background of this research began from the existence of a potential and problem related to the development of achievement test. The problem from teacher is a difficulty on making test result a good quality. Therefore, the researcher used research and development (R & D) to do the development of math achievement test on the base competence of measuring the angle for grade V students on elementary school. The results of product experiment were analyzed using TAP (Test Analysis Program) software.

The researcher used seven steps of Borg and Gall's research steps: (1) potential and problem, (2) data collection, (3) product design, (4) design validation, (5) design revision, (6) product experiment, (7) product revision. The product in the form of a good achievement had been validated by four experts and had been tested in SD N Bantulan and SD N 2 Gadingharjo with the total 60 students.

The research result of seven developments showed that 46,67% or 28 out of 60 questions were valid and reliable questions . The analysis of difficulty level showed that there were 39.28 % or 1 question was "easy", 60.72 or 17 questions were "medium" and there was no question in the "difficult" category. The result of distinguishing were 85.71 % or 24 questions were "good" and 14.29 % or 4 questions were "very good". There was 10 "less functioned" distract questions and they would be revised in order that they could be used.

Keywords : Development, achievement test, validity, reliability, distinguishing, difficulty level, distracter, and test quality.