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ABSTRAK

Kata Kunci: Komunikasi Matematis Lisan; Motivasi Belajar; Pemahaman Konseptual; *Quizizz*.

Penelitian ini bertujuan untuk mendeskripsikan kemampuan komunikasi matematis lisan, pemahaman konseptual, dan motivasi belajar dalam pembelajaran matematika materi persamaan kuadrat menggunakan media *Quizizz* pada peserta didik kelas XII di Pontianak. Penelitian ini merupakan penelitian kualitatif. Partisipan penelitian ini yaitu empat orang peserta didik kelas XII. Sumber data diperoleh data lapangan dan pengamatan dilakukan oleh peneliti sendiri dengan menggunakan instrumen lembar observasi, hasil wawancara, dokumentasi berupa *video* dan rekaman suara selama kegiatan berlangsung. Pelaksanaan penelitian dilakukan tiga kali pertemuan dengan data yang diperoleh meliputi lembar observasi hasil kemampuan komunikasi matematis lisan, motivasi belajar, dan hasil tes kemampuan pemahaman konseptual pesertadidik dengan data pendukung berupa *video* dan rekaman suara. Analisis data dilakukan dengan reduksi data, penyajian data, dan menarik kesimpulan. Hasil penelitian ini menunjukkan bahwa dalam pembelajaran matematika materi persamaan kuadrat menggunakan media *quizizz* pada peserta didik kelas XII selama tiga pertemuan diperoleh kemampuan komunikasi matematis lisan terkategori baik, pemahaman konseptual terkategori sangat baik, dan motivasi belajar terkategori sangat tinggi.

ABSTRACT

Keywords: *Conceptual Understanding; Learning Motivation; Oral mathematical communication; Quizizz*

This study aims to describe the ability oral mathematical communication, conceptual understanding, and learning motivation in learning mathematics quadratic equation material using quizizz for grade 12 in Pontianak. This research is a qualitative research. The participants in this research were four grade 12. The data source was obtained from field data and observations were made by the researchers themselves using observation sheet instruments, interview results, documentation from videos and sound recordings during the activity. The research was carried out in three meetings with the data obtained including observation sheets on the results of oral mathematical communication skills, learning motivation, and students' conceptual understanding ability test results with supporting data in the form of videos and sound recordings. Data analysis was carried out by data reduction, data presentation, and drawing conclusions. The results of this research indicate that in learning mathematics on quadratic equation material using quizizz media in grade 12 during three meetings, oral mathematical communication skills were categorized as good, conceptual understanding categorized very good, and learning motivation categorized very high.